ANNEX G

Abbreviations

Part 1

AGENCY, BUREAU, AND OTHER ORGANIZATIONAL ABBREVIATIONS

This part 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)P

Agency	Abbrev-iations	Bureau	Abbrev-iations
Agriculture, Department of	A		
		Animal and Plant Health Inspection Service	APHS
		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
		Office of Inspector General	OIG
		Office of the Secretary	SEC
Air Force, Department of the	AF		
Architect of the Capitol	AOTC		
Army, Department of the	AR		
		AFMO CONUS	AC
		United States Army, Alaska	AL
		Headquater, DA	AR
		Corps of Engineers	CE
		Military District of Washington	DW
		AFC, State of Arizona	HU
		U.S. Army Support Command Hawaii	HW
		Natl Training Ctr & Ft. Irwin	NTC
		U.S. Army Pacific (includes Hawaii)	PA
		AFC, White Sands Missile Range	WS
Administrative Office of the United States Courts	AUSC		
Broadcasting Board of Governors	BBG		

Agency	Abbrev-iations	Bureau	Abbrev-iations
Commerce, Department of	C		
		Bureau of Export Administration	BXA
		Census Bureau	CEN
		Environmental Data Information Service	EDIS
		Environmental Research Laboratories	ERL
		International Trade Administration	ITA
		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
		National Oceanic and Atmospheric Administration	NOAA
		National Ocean Service	NOS
		National Telecommunications and Information Administration	NTIA
		National Technical Information Service	NTIS
		National Weather Service	NWS
		Office of Marine Pollution Assessment	OAO
		NOAA Aircraft Operations Center	OMPA
		Office of Sea Grant	OSG
		Patent and Trademark Office	PAT
		Office of Security	SEC
		Office of the Secretary	OSY
		Office of NOAA Corps Operations	ONCO
Commodity Futures Trading Commission	CFTC		
Coast Guard	CG	Operating unit identifier is listed in the XRC field	
		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		
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

Agency	Abbrev-iations	Bureau	Abbrev-iations
Energy, Department of		**Bonneville Power Administration**	BPA
		Boston Regional Support Office	BRSO
		Chicago Operations Office Ames group Ames National Laboratory Argonne Group 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	CH
		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

Agency	Abbrev-iations	Bureau	Abbrev-iations
Energy, Department of	DOE	**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 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	HQ
		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 Nonproliferaton 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

Agency	Abbrev-iations	Bureau	Abbrev-iations
Energy, Department of	DOE	**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 Portsmouth Area Office (Plant) Saint Charles Area Office Thomas Jefferson National Accelerator Facility University of Puerto Rico Weldon Springs Operations Office Y-12 Plant	OR
		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
Energy, Department of		**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

Agency	Abbrev-iations	Bureau	Abbrev-iations
Energy, Department of	DOE	**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
Department of Education	ED		
Equal Employment Opportunity Commission	EEOC		
Environmental Protection Agency	EPA		
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	FCC		
		Enforcement Bureau	EB
		Office of Engineering and Technology	OET
		Office of Managing Director	OMD
		Wireless Telecommunications Bureau	WTB
Federal Emergency Management Agency	FEMA		
		FEMA Headquarters	HQ
		FEMA Region I	R01
		FEMA Region II	R02
		FEMA Region III	R03
		FEMA Region IV	R04
		FEMA Region V	R05
		FEMA Region VI	R06

Agency	Abbrev-iations	Bureau	Abbrev-iations
Federal Emergency Management Agency	FEMA	FEMA Region VII	R07
		FEMA Region VIII	R08
		FEMA Region IX	R09
		FEMA Region X	R10
Federal Mediation and Conciliation Service	FMCS		
Federal Reserve System	FRS		
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
		Food and Drug Administration	FDA
		Health Care Financing Administration	HCFA
		Health Resources and Services Administration	HRSA
		Indian Health Services	IHS
		National Institutes of Health	NIH
		Program Support Center	PSC
		Substance Abuse & Mental Health Administration	SAMH
House of Representatives	HR		
Housing and Urban Development, Department of	HUD		
Interior, Department of the	I		
		American Samoa, Government of	A
		Mine Safety and Health Administration	E
		Geological Survey	G
		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

Agency	Abbrev-iations	Bureau	Abbrev-iations
Interior, Department of the	I	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 Mines	M
		Bureau of Mines - Minerals Management Service	MMS
		Bureau of Mines - Office of the Secretary	O
		Bureau of Mines - Office of Aircraft Services	OAS
		Bureau of Mines - Office of Surface Mining	OSM
		National Park Service	P
		National Park Service - Alaska Field Area	PAK
		National Park Service - Intermountain Field Area	PIM
		National Park Service - New England Field Area	PNE
		National Park Service - Midwest Field Area	PMW
		National Park Service - National Capital Field Area	PNC
		National Park Service - Pacific West Field Area	PPW
		National Park Service - Southeast Field Area	PSE
		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
		CA, HI, ID, OR, 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, NY, PA, RI, VT, VA, WV	S5
		CO, KS, MT, NE, ND, SD, UT, WY	S6
		AK	S7
		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		
Interstate Commerce Commission	ICC		
Justice, Department of	J		
		Bureau of Prisons	BP
		Drug Enforcement Administration	D
		Federal Bureau of Investigation	FB
		Immigration and Naturalization Service	IN
		Justice Management Division	JMD
		Justice-Wide (including Offices, Boards, and Divisions of the Department)	JW
		Justice Wireless Network	JWN
		U.S. Marshals Service	M
Labor, Department of	L		
Library of Congress	LC		

Agency	Abbrev-iations	Bureau	Abbrev-iations
Navy, Department of	N		
		NAVCAMSEASTPAC	NCEP
		NAVCAMSWESTPAC	NCWP
		NAVCAMSLANT	NCL
National Aeronautics and Space Administration	NASA		
		Ames Research Center	ARC
		Dryden Flight Research Center	DFRC
		Goddard Space Flight Center	GSFC
		NASA Headquarters	HQS
		Jet Propulsion Laboratory	JPL
		Johnson Space Center	JSC
		Kennedy Space Center	KSC
		Langley Research Center	LARC
		John H. Glenn Research Center	GRC
		Marshall Space Flight Center	MSFC
		Wallops Flight Facility	WFF
National Archives & Records Administration	NARA		
National Gallery of Art	NGAL		
Nuclear Regulatory Commission	NRC		
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
Office of Personnel Management	OPM		
Office of Technological Assessment	OTA		
State, Department of	S		
Small Business Administration	SBA		
		Office of the Inspector General	G
Supreme Court	SC		
Securities and Exchange Commission	SEC		
U.S. Senate	SEN		
Smithsonian Institution	SI		
Treasury, Department of the	T		
		Bureau of Alcohol, Tobacco, and Firearms (ATF)	A
		U.S. Customs Service (USCS)	C
		White House Communications Agency (WHCA)	D
		Departmental Offices	DO
		Bureau of Engraving and Printing (E&P)	EP
		Federal Law Enforcement Training Center (FLETC)	FLTC
		Financial Management Service	FMS
		IRS Security Standards and Evaluation	IRF
		Inspector General for Tax Administration	IGTA
		Integrated Treasury Network	ITN
		IRS Criminal Investigation Division (CID)	IRCI
		IRS Collections Division	IRCL
		Bureau of the Mint	M
		Office of the Secretary (OS)	O
		Bureau of the Public Debt	PD
		U.S. Secret Service (USSS)	S
		Savings Bond Division	SB

Agency	Abbrev-iations	Bureau	Abbrev-iations
Transportation, Department of	TRAN		
		Department Wide (less Federal Aviation Administration (FAA) and Transportation Systems Center (TSC))	DW
		Federal Highway Administration	H
		Maritime Administration	MAR
		National Transportation Safety Board	NB
		Office of the Secretary	OS
		Federal Railroad Administration	R
		Railroad Transportation Test Center, Pueblo	RATC
		Research and Special Programs Administration	RSPA
		St. Lawrence Seaway Development Corporation	SL
		National Highway Traffic Safety Administration	T
		Urban Mass Transportation Administration	UM
Tennessee Valley Authority	TVA		
U.S. Capitol Police	USCP		
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
Veterans Affairs, Department of	VA		
		National Cemetery Administration	NCA
		Office of Inspector General	OIG
		Veterans Benefits Administration	VBA
		Veterans Health Administration	VHA

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
REPUBLIC OF PALAU	RP
REPUBLIC OF THE MARSHALL ISLANDS	RMI

PART 2

GEOGRAPHICAL ABBREVIATIONS

This part of Annex G contains those abbreviations that will be used in the Transmitter and Receiver State/Country fields (XSC/RSC) of the GMF. (See Chapter 9, Section 9.8.2)

United States and Possessions

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

Possession or Commonwealths of the United States (OTHER THAN the 50 United States and the District of Columbia)

Caribbean Area

-	Navassa Island
PR	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) 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	Samoa (American) (Aunuu, Manua Group [or Islands, i.e., Ofu, Olosega, Tau], Rose Island, Swains Island, Tutuila)
WAK	Wake Island

Area and Other Abbreviations

AFR	Africa
ANTR	Antarctica
ARCO	Arctic Ocean
CAM	Central America
CBN	Caribbean
EUR	Europe
FE	Far East (Countries of China, Japan, Korea, Thailand, Brunei, Burma, Cambodia, Indonesia, Laos, Malaysia, 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
OCNA	Oceania
PAC	Pacific Ocean
RCVR	Restricted for use only in Passive Sensor and Radio Astronomy listings
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)

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	Antartic
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)
BHR	Bahrain (State of)
BIH	Bosnia & Herzegovina (Republic of)
BIO	British Indian Ocean Territory
BLR	Belarus (Republic of)
BLZ	Belize
BOL	Bolivia (Republic of)
BOT	Botswana (Republic of)
BRB	Barbados
BRM	Myanmar (Union of)
BRU	Brunei Darussalam
BTN	Bhutan (Kingdom of)
BUL	Bulgaria (Republic of)
CAF	Central African Republic
CAN	Canada
CAR	Caroline Islands
CBG	Cambodia (Kingdom of)
CHL	Chile (except Easter Island)
CHN	China (People's Republic of)
CHR	Christmas Island (Indian Ocean)
CKH	Cook Islands
CLM	Colombia (Republic of)
CLN	Sri Lanka (Democratic Socialist Republic of)
CME	Cameroon (Republic of)
CNR	Canary Islands
COG	Congo (Republic of the)
COM	Comoros (Islamic Federal Republic of the)
CPV	Cape Verde (Republic of)
CRO	Crozet Archipelago
CTI	Cote d'Ivoire (Republic of)
CTR	Costa Rica
CUB	Cuba
CVA	Vatican City State
CYM	Cayman Islands
CYP	Cyprus (Republic of)
CZE	Czech Republic
D	Germany (Federal Republic of)
DGA	Diego Garcia
DJI	Djibouti (Republic of)
DMA	Dominica (Commonwealth of)
DNK	Denmark
DOM	Dominican Republic
E	Spain
EGY	Egypt (Arab Republic of)
EQA	Ecuador
ERI	Eritrea
EST	Estonia (Republic of)
ETH	Ethiopia
F	France
FJI	Fiji (Republic of)
FLK	Falkland Islands (Malvinas)
FIN	Finland
FRO	Faroe Islands
FSM	Micronesia (Federated States of) (Kapingamarangi, Kosrae, Lamotrek, Namonuito, Nukuoro, Oroluk, Pohnpei, Truk, Ulithi, Woleai, Yap)
G	United Kingdom of Great Britain and Northern Ireland
GAB	Gabonese Republic
GCA	Territories of the United Kingdom in Region 1
GCC	Territories of the United Kingdom in Region 3
GDL	Guadeloupe (French Department of)
GEO	Georgia (Republic of)
GHA	Ghana
GIB	Gibraltar
GMB	Gambia (Republic of the)
GNB	Guinea-Bissau (Republic of)
GNE	Equatorial Guinea (Republic of)
GRC	Greece
GRD	Grenada
GRL	Greenland
GTM	Guatemala (Republic of)
GUF	Guiana (French Department of)
GUI	Guinea (Republic of)
GUM	Guam
GUY	Guyana
HKG	Hong Kong
HND	Honduras (Republic of)
HNG	Hungary (Republic of)
HOL	Netherlands (Kingdom of the)
HRV	Croatia (Republic of)
HTI	Haiti (Republic of)

HWA	Hawaii (not for use in GMF; for ITU use only)
I	Italy
ICO	Cocos Keeling Islands
IND	India (Republic of)
INS	Indonesia (Republic of)
IRL	Ireland
IRN	Iran (Islamic Republic of)
IRQ	Iraq (Republic of)
ISL	Iceland
ISR	Israel (State of)
J	Japan (includes Iwo Jima, Marcus Island, Ryu Kyu Islands)
JMC	Jamaica
JON	Johnston Island
JOR	Jordan (Hashemite Kingdom of)
KAZ	Kazakhstan (Republic of)
KEN	Kenya (Republic of)
KER	Kerguelen Islands
KGZ	Kyrgyz Republic
KIR	Kiribati (Republic of)
KOR	Korea (Republic of)
KRE	Democratic People's Republic of Korea
KWT	Kuwait (State of)
LAO	Lao People's Democratic Republic
LBN	Lebanon
LBR	Liberia (Republic of)
LBY	Libya (Socialist People's Libyan Arab Jamahiriya)
LCA	Saint Lucia
LIE	Liechtenstein (Principality of)
LSO	Lesotho (Kingdom of)
LTU	Lithuania (Republic of)
LUX	Luxembourg
LVA	Latvia (Republic of)
MAC	Macao
MAU	Mauritius (Republic of)
MCO	Monaco (Principality of)
MDA	Moldova (Republic of)
MDG	Madagascar (Democratic Republic of)
MDR	Madeira
MDW	Midway Islands
MEX	Mexico
MHL	Marshall Islands (Republic of the) (Ailinglapalap, Arno, Ebeye, Enewetak, Jaluit, Kwajalein, Majuro, Mili, Roi-Namur, Rongelap)
MKD	The Former Yugoslav Republic of Macedonia
MLA	Malaysia
MLD	Maldives (Republic of)
MLI	Mali (Republic of)
MLT	Malta
MNG	Mongolian People's Republic
MOZ	Mozambique (Republic of)
MRA	Mariana Islands (except Guam)
MRC	Morocco (Kingdom of)
MRN	Marion Island
MRT	Martinique (French Department of)
MSR	Montserrat
MTN	Mauritania (Islamic Republic of)
MWI	Malawi
MYT	Mayotte Island
NCG	Nicaragua
NCL	New Caledonia
NFK	Norfolk Island
NGR	Niger (Republic of the)
NIG	Nigeria (Federal Republic of)
NIU	Niue Island
NMB	Namibia (Republic of)
NOR	Norway
NPL	Nepal
NRU	Nauru (Republic of)
NZL	New Zealand
OCE	French Polynesia
OMA	Oman (Sultanate of)
PAK	Pakistan (Islamic Republic of)
PAQ	Easter Island (Chile)
PHL	Philippines (Republic of the)
PHX	Phoenix Islands
PLM	Palmyra Island (some 50 islands make up the Atoll of Palmyra)
PLW	Palau (Republic of)
PNG	Papua New Guinea
PNR	Panama (Republic of)
POL	Poland (Republic of)
POR	Portugal
PRG	Paraguay (Republic of)
PRU	Peru
PTC	Pitcairn Island
PTR	Puerto Rico (including Culebra, Mona, and Vieques) (not for use in GMF; for ITU use only)
QAT	Qatar (State of)
REU	Reunion (French Department of)
ROD	Rodriguez
ROU	Romania
RUS	Russian Federation
RRW	Rwandese Republic
S	Sweden
SCN	Saint Christopher and Nevis
SDN	Sudan (Republic of the)
SEN	Senegal (Republic of)
SEY	Seychelles (Republic of)
SHN	Saint Helena
SLM	Solomon Islands
SLV	El Salvador (Republic of)
SMA	American Samoa

SMO	Western Samoa (Independent State of)
SMR	San Marino (Republic of)
SNG	Singapore (Republic of)
SOM	Somali Democratic Republic
SPM	Saint Pierre and Miquelon (French Department of)
SRL	Sierra Leone STP Sao Tome and Principe (Democratic Republic of)
SUI	Switzerland (Confederation of)
SUR	Suriname (Republic of)
SVK	Slovak Republic
SVN	Slovenia (Republic of)
SWN	Swan Islands
SWZ	Swaziland (Kingdom of)
SYR	Syrian Arab Republic
TCA	Turks and Caicos Islands
TCD	Chad (Republic of)
TGO	Togolese Republic
THA	Thailand
TKL	Tokelau Islands
TJK	Tajikistan (Republic of)
TKM	Turkmenistan
TMP	East Timor
TON	Tonga (Kingdom of)
TRC	Tristan da Cunha
TRD	Trinidad and Tobago
TUN	Tunisia
TUR	Turkey
TUV	Tuvalu
TZA	Tanzania (United Republic of)
UAE	United Arab Emirates
UGA	Uganda (Republic of)
UKR	Ukraine
URG	Uruguay (Eastern Republic of)
USA	The 48 contiguous States of the United States of America and the District of Columbia (excludes the States of Alaska and Hawaii)
UZB	Uzbekistan (Republic of)
VCT	St. Vincent and the Grenadines
VEN	Venezuela (Republic of)
VIR	United States Virgin Islands (St. Croix, St. John, St. Thomas) (not for use in GMF; for ITU use only)
VRG	British Virgin Islands
VTN	Viet Nam (Socialist Republic of)
VUT	Vanuatu (Republic of)
WAK	Wake Island
WAL	Wallis and Futuna Islands
YEM	Yemen (Republic of)
YUG	Yugoslavia (Federal Republic of)
ZAI	Zaire (Republic of)
ZMB	Zambia (Republic of)
ZWE	Zimbabwe (Republic of)

PART 3

AREAS, DIVISIONS, AND DISTRICTS WITHIN THE CONTERMINOUS UNITED STATES

This part 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.)*

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

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 37º30' 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.

Coast Guard Areas and Districts (see Figure 3)

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

*Pacific Are*a-11th, and 13th Districts.

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

2nd District-Arkansas, West Virginia, Kentucky, Tennessee, Oklahoma, Kansas, Nebraska, North Dakota, South Dakota, Wyoming, Colorado, Iowa, and Missouri; Pennsylvania south of latitude 41º N and west of longitude 79º W; those parts of Ohio and Indiana south of latitude 41º N; Illinois, except that part north of latitude 41º N and east of longitude 90º W; Wisconsin south of latitude 46º20' N and west of longitude 90º W; Minnesota south of latitude 46º20' N; that part of

Alabama north of latitude 34° N; and that part of Mississippi north of the southern boundaries of the counties of Washington, Sunflower, Leflore, Grenada, Calhoun, Chickasaw, and Monroe.

5th District-Delaware, Maryland, Virginia, District of Columbia, North Carolina, that portion of New Jersey south of 39-57N, west of 74-27W and south of a line extending northwesterly from 39-57N, 74-27W 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-New Mexico, Texas, and Louisiana; that part of Mississippi south of the southern boundaries of the counties of Washington, Sunflower, Leflore, Grenada, Calhoun, Chickasaw, and Monroe; that part of Alabama south of latitude 34° 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.

Navy-Marine Corps MARS Regions (see Fig. 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.

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).

Army Frequency Coordination Areas (see Figure 6)

AFMO CONUS - Alabama, Arkansas, California, (less the National Training Center, Ft Irwin), Colorado (less the area west of 108º West), Connecticut, Delaware, Florida, Georgia, 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 111º 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, D.C.)-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 108º and 111º W.

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 Government Radio Stations.

Civil Air Patrol Regions (see Figure 8)

CAP 1-Northeast Region-Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont.

CAP 2-Middle East Region-Delaware, Maryland, District of Columbia, North Carolina, South Carolina, Virginia, West Virginia.

CAP 3-Great Lakes Region-Illinois, Indiana, Kentucky, Michigan, Ohio, Wisconsin.

CAP 4-Southeast Region-Alabama, Florida, Georgia, Mississippi, Tennessee.

CAP 5-North Central Region-Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota.

CAP 6-Southwest Region-Arizona, Arkansas, Louisiana, New Mexico, Oklahoma, Texas.

CAP 7-Rocky Mountain Region-Colorado, Idaho, Montana, Utah, Wyoming.

CAP 8-Pacific Region-California, Nevada, Oregon, Washington.

NRC Regions (see Figure 9)

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.

FEMA Regions (see Figure 10)

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.

EPA Regions (see Figure 11)

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.

GSA Regions (see Figure 12)

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.

USAF MARS Regions (see Figure 13)

Region One-Connecticut, Delaware, District of Columbia, Indiana, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont.

Region Two-Alabama, Florida, Georgia, Kentucky, North Carolina, South Carolina, Tennessee, Virginia, West Virginia.

Region Three-Illinois, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota,South Dakota, Wisconsin.

Region Four-Arkansas, Louisiana, Mississippi, Oklahoma, Texas.

Region Five-Colorado, Idaho, Montana, Oregon, Utah, Washington, Wyoming.

Region Six-Arizona, California, Nevada, New Mexico.

Region Eight-Pacific (Hawaii and U.S. Territories only.

Region Nine-Alaska.

VA Investigative Regions by State (See Figure 14)

Northeast Region-Connecticut, Delaware, Massachusetts, Maryland, Maine, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Virginia, Vermont, West Virginia.

Southeast Region-Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee.

Central Region-Iowa, Illinois, Indiana, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Texas, Wisconsin.

Western Region-Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, New Mexico, Nevada, Oregon, Utah, Washington, Wyoming.

Figure 1

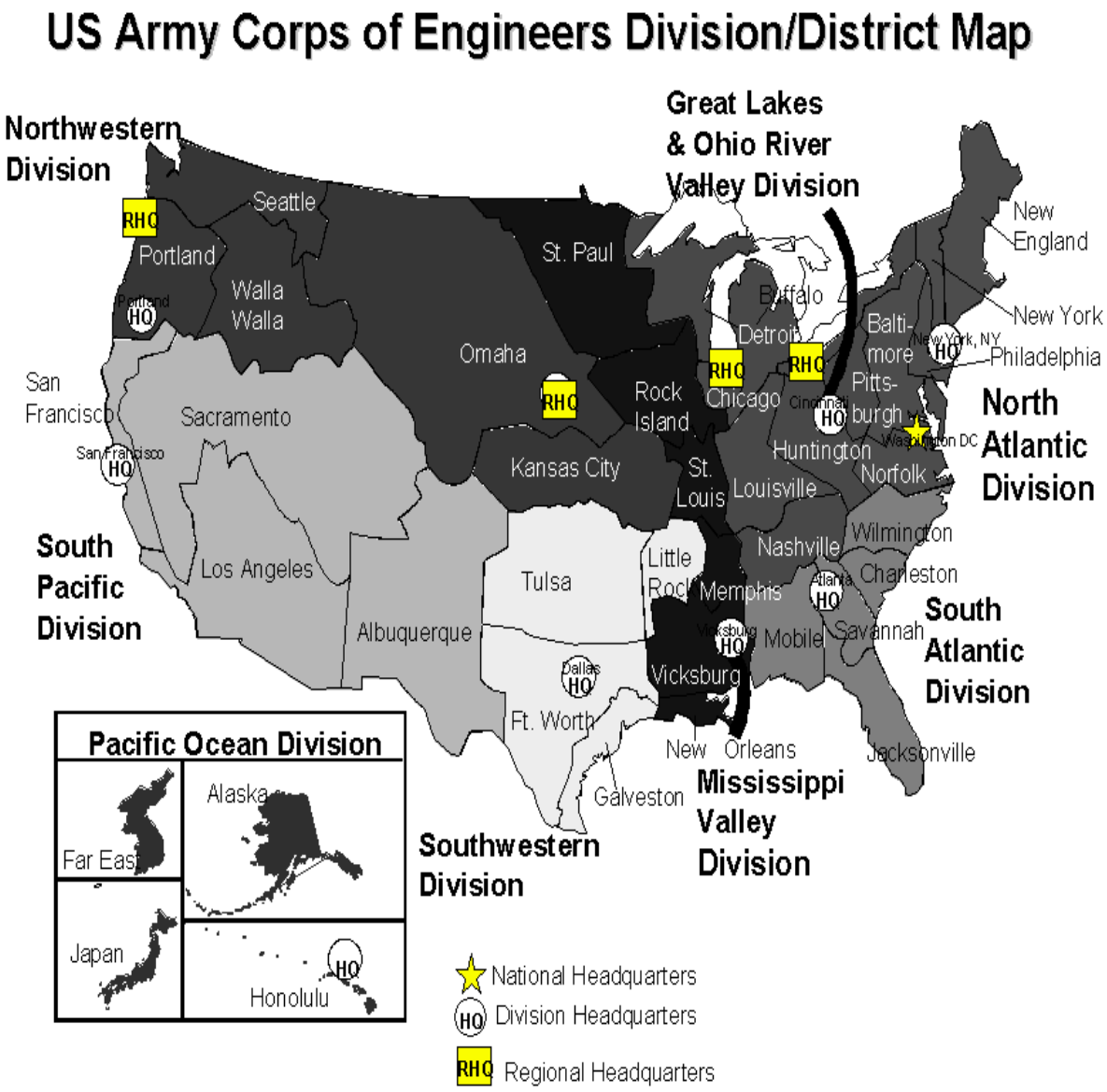


Figure 1

Figure 2

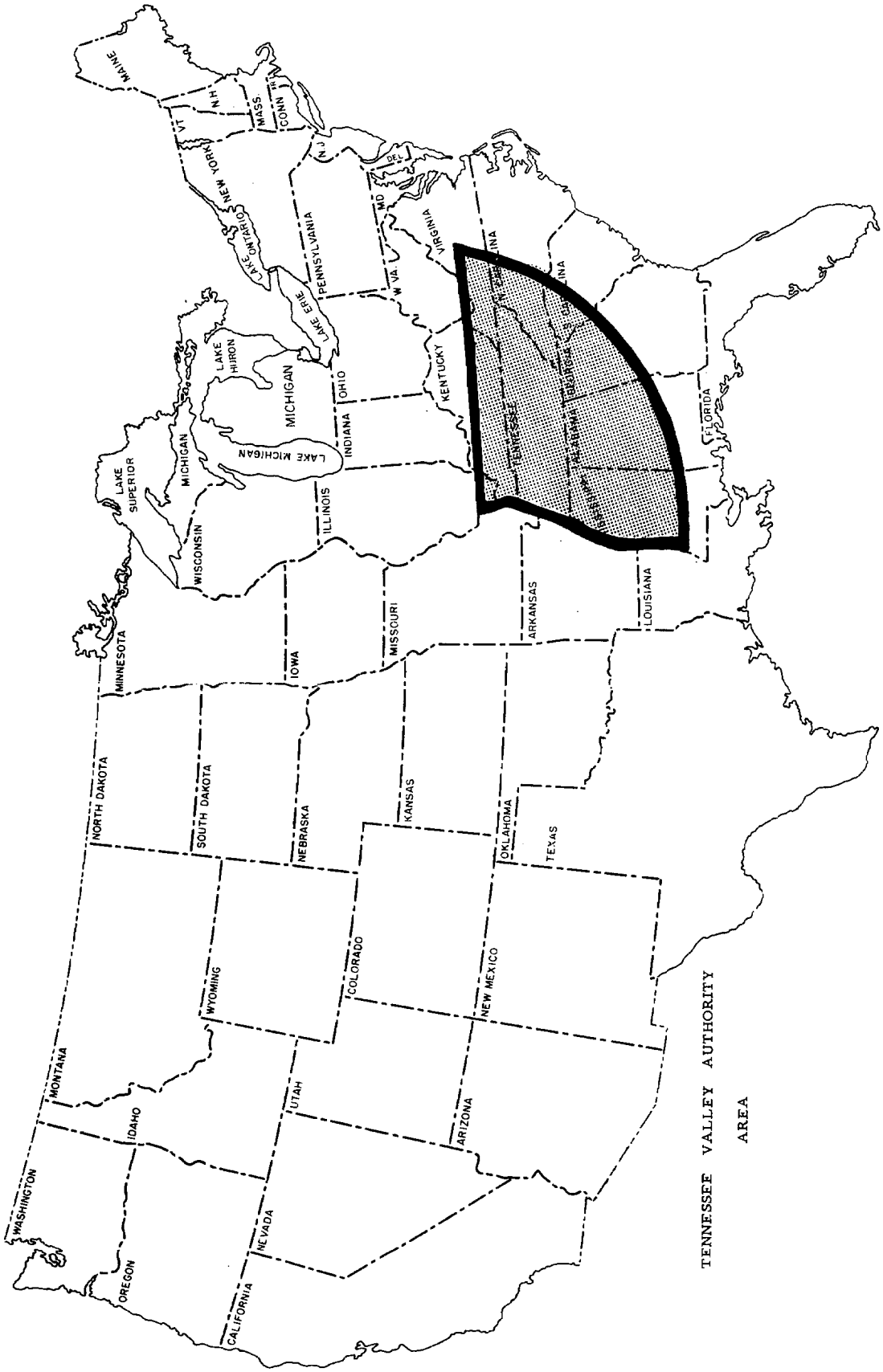

MAINE
VT.
N.H.
MASS.
CONN.
N.Y.
NEW YORK
LAKE ONTARIO
N.J.
DEL.
MD.
PENNSYLVANIA
LAKE ERIE
W. VA.
VIRGINIA
LAKE HURON
MICHIGAN
OHIO
KENTUCKY
LAKE MICHIGAN
INDIANA
LAKE SUPERIOR
MICHIGAN
ILLINOIS
WISCONSIN
TENNESSEE
ALABAMA
GEORGIA
FLORIDA
MINNESOTA
IOWA
MISSOURI
ARKANSAS
LOUISIANA
NORTH DAKOTA
SOUTH DAKOTA
NEBRASKA
KANSAS
OKLAHOMA
TEXAS
WYOMING
COLORADO
NEW MEXICO
MONTANA
UTAH
ARIZONA
IDAHO
WASHINGTON
NEVADA
OREGON
CALIFORNIA
TENNESSEE VALLEY AUTHORITY
AREA

Figure 3

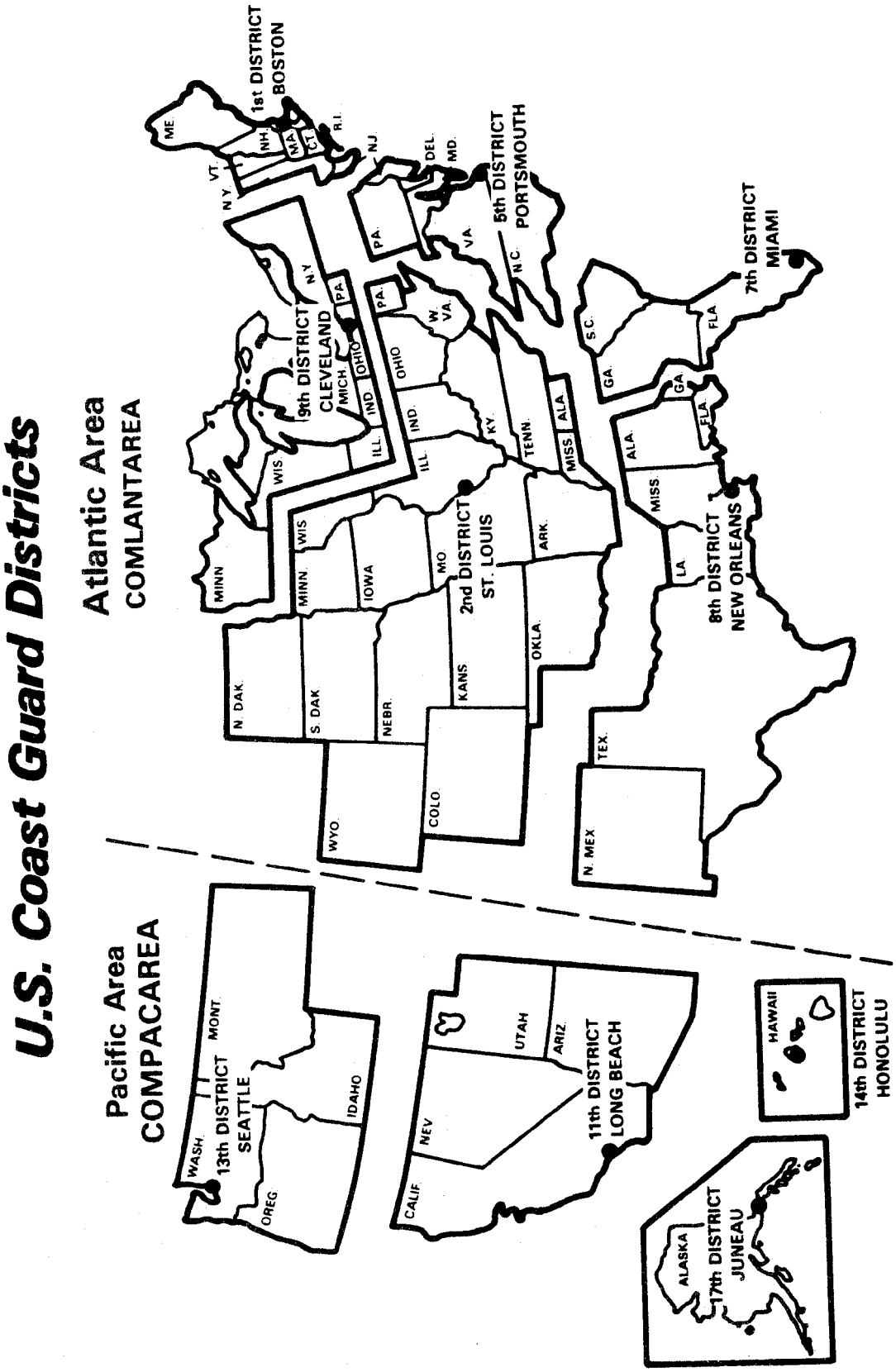

U.S. Coast Guard Districts
Atlantic Area
COMLANTAREA
Pacific Area
COMPACAREA
1st DISTRICT
BOSTON
5th DISTRICT
PORTSMOUTH
7th DISTRICT
MIAMI
8th DISTRICT
NEW ORLEANS
2nd DISTRICT
ST. LOUIS
9th DISTRICT
CLEVELAND
13th DISTRICT
SEATTLE
11th DISTRICT
LONG BEACH
14th DISTRICT
HONOLULU
17th DISTRICT
JUNEAU
ME.
VT.
N.Y.
NH.
MA.
CT.
R.I.
N.J.
DEL.
MD.
PA.
VA.
W. VA.
N.C.
S.C.
GA.
FLA.
ALA.
MISS.
LA.
TEX.
TENN.
KY.
OHIO
IND.
ILL.
MICH.
WIS.
MINN.
IOWA
MO.
ARK.
OKLA.
KANS.
NEBR.
COLO.
N. MEX.
WYO.
S. DAK.
N. DAK.
MONT.
IDAHO
WASH.
OREG.
CALIF.
NEV.
UTAH
ARIZ.
HAWAII
ALASKA

Figure 4

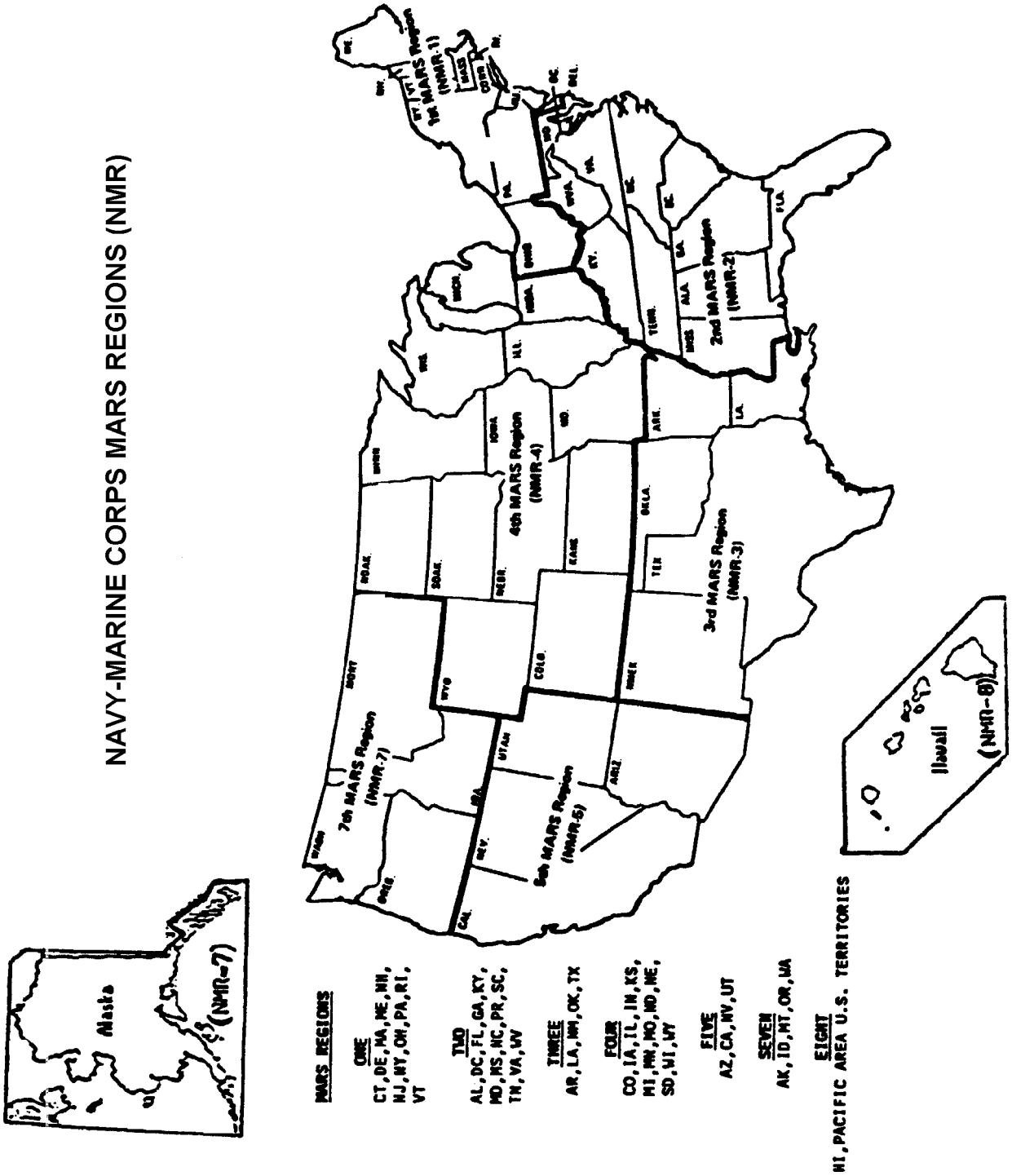

NAVY-MARINE CORPS MARS REGIONS (NMR)
Alaska
(NMR-7)
MARS REGIONS
ONE
CT, DE, MA, ME, NH, NJ, NY, OH, PA, RI, VT
TWO
AL, DC, FL, GA, KY, MD, MS, NC, PR, SC, TN, VA, WV
THREE
AR, LA, NM, OK, TX
FOUR
CO, IA, IL, IN, KS, MI, MN, MO, ND, NE, SD, WI, WY
FIVE
AZ, CA, NV, UT
SEVEN
AK, ID, MT, OR, WA
EIGHT
HI, PACIFIC AREA U.S. TERRITORIES
7th MARS Region (NMR-7)
4th MARS Region (NMR-4)
2nd MARS Region (NMR-2)
3rd MARS Region (NMR-3)
5th MARS Region (NMR-5)
Hawaii
(NMR-8)

Figure 5

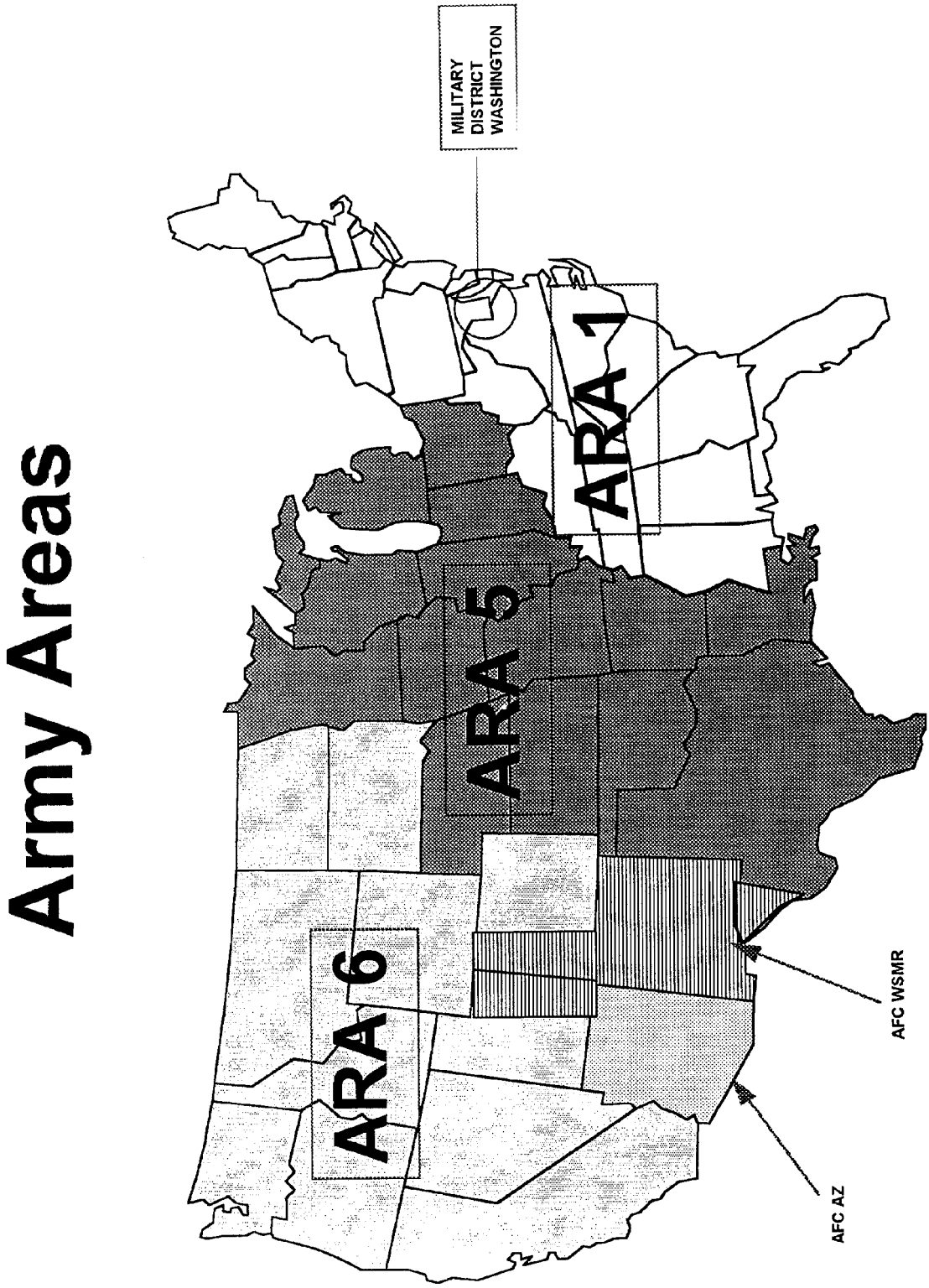

Army Areas
MILITARY DISTRICT WASHINGTON
ARA 1
ARA 5
ARA 6
AFC WSMR
AFC AZ

Figure 6

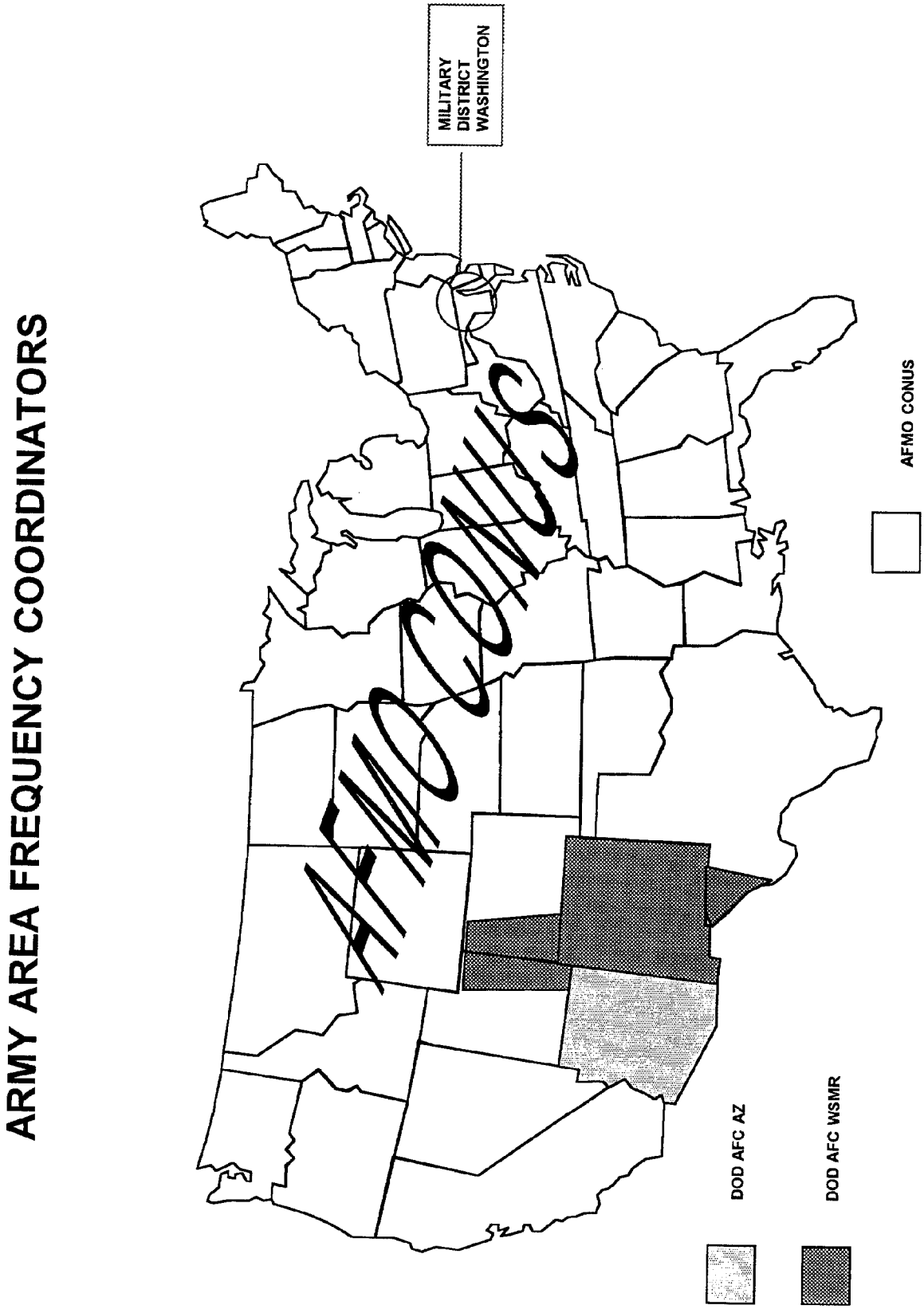

ARMY AREA FREQUENCY COORDINATORS
MILITARY DISTRICT WASHINGTON
AFMO CONUS
DOD AFC AZ
DOD AFC WSMR
AFMO CONUS

Figure 7

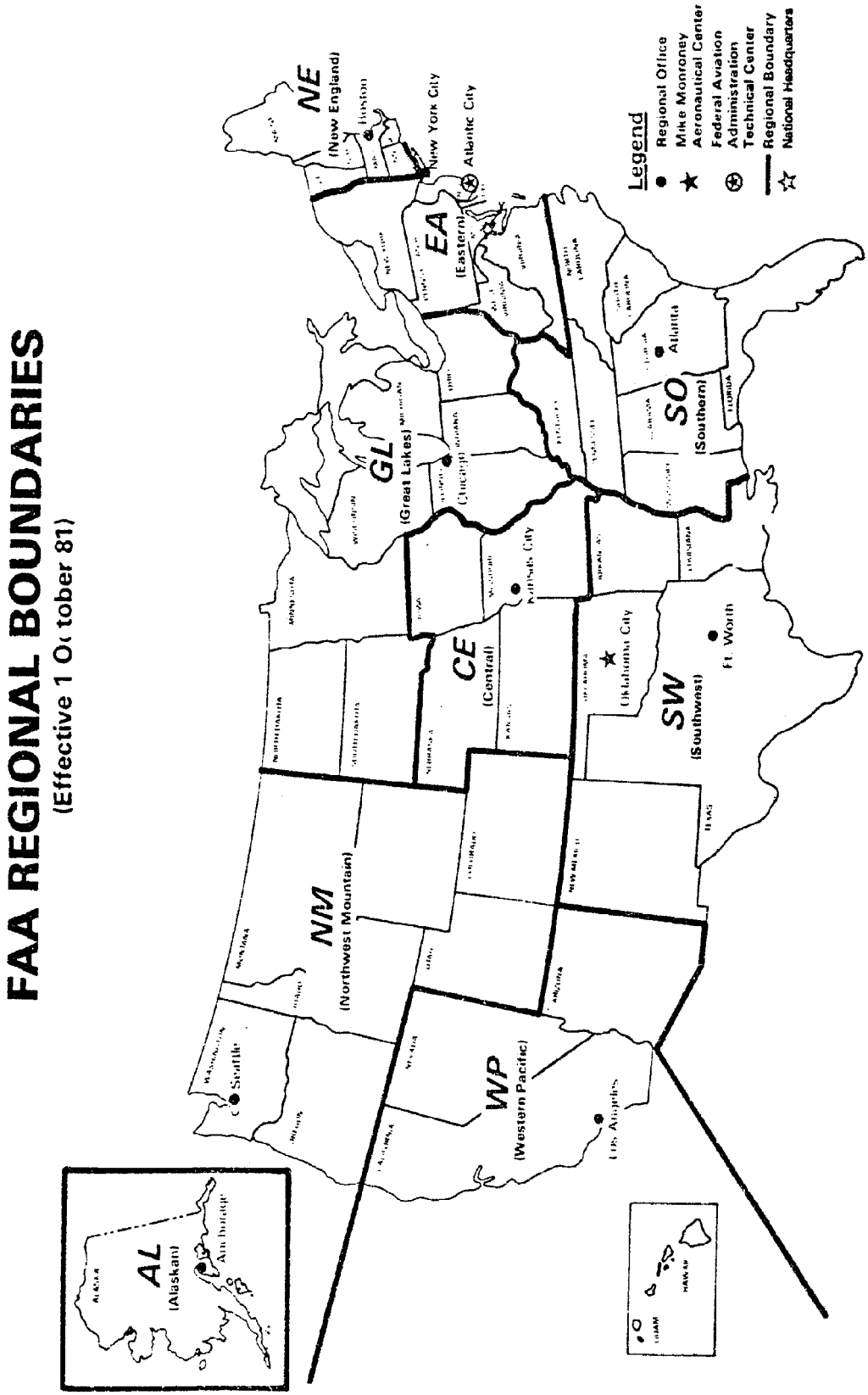

FAA REGIONAL BOUNDARIES
(Effective 1 Oc tober 81)
NE
(New England)
Boston
New York City
Atlantic City
EA
(Eastern)
GL
(Great Lakes)
Chicago
SO
(Southern)
Atlanta
CE
(Central)
Kansas City
SW
(Southwest)
Ft. Worth
Oklahoma City
NM
(Northwest Mountain)
WP
(Western Pacific)
Seattle
Los Angeles
AL
(Alaskan)
Anchorage
Legend
Regional Office
Mike Monroney Aeronautical Center
Federal Aviation Administration Technical Center
Regional Boundary
National Headquarters

Figure 8

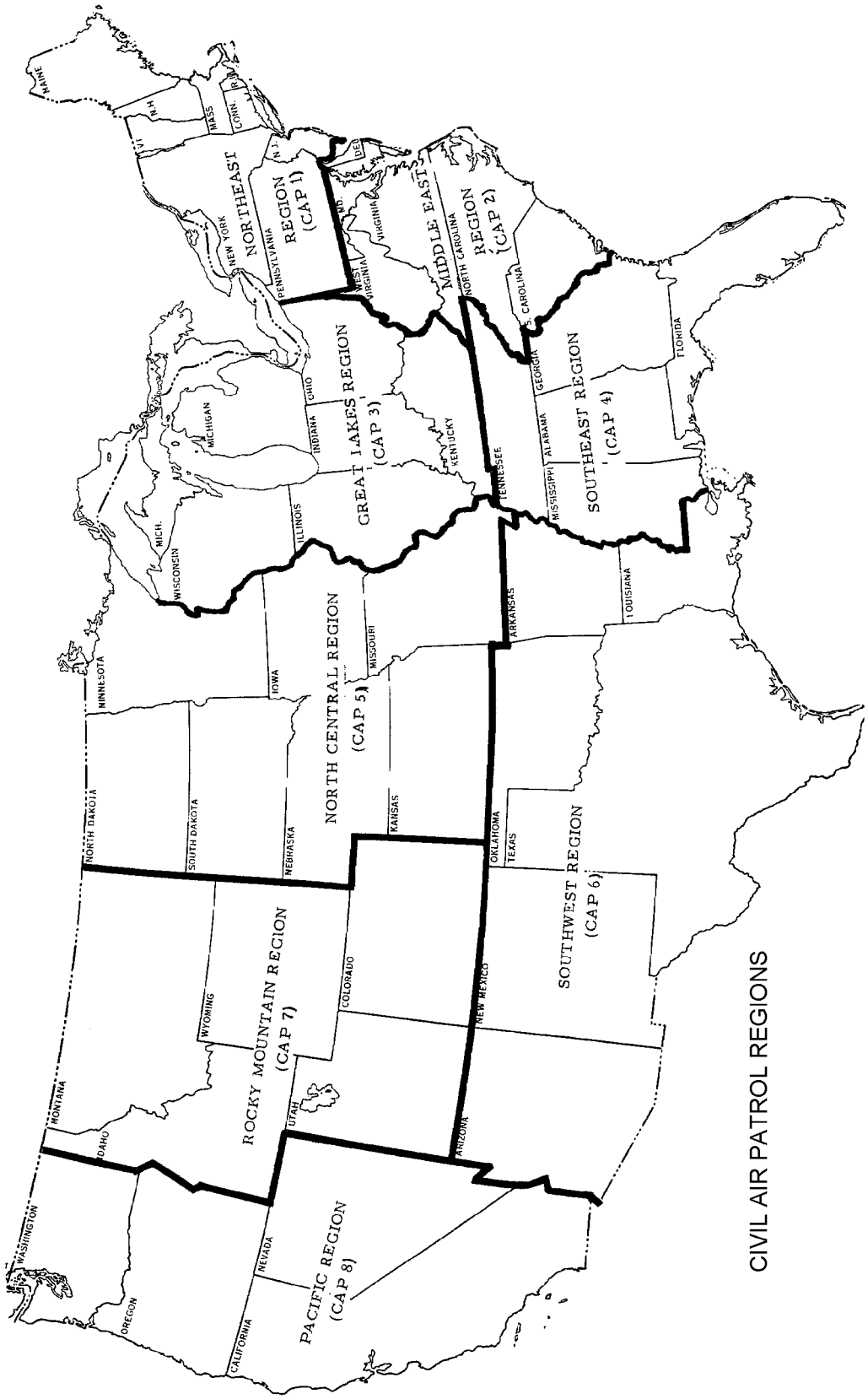

NORTHEAST REGION (CAP 1)
MIDDLE EAST REGION (CAP 2)
GREAT LAKES REGION (CAP 3)
SOUTHEAST REGION (CAP 4)
NORTH CENTRAL REGION (CAP 5)
SOUTHWEST REGION (CAP 6)
ROCKY MOUNTAIN REGION (CAP 7)
PACIFIC REGION (CAP 8)
MAINE
N.H.
MASS.
CONN.
R.I.
N.J.
DEL.
MD.
NEW YORK
PENNSYLVANIA
WEST VIRGINIA
VIRGINIA
NORTH CAROLINA
S. CAROLINA
GEORGIA
FLORIDA
ALABAMA
MISSISSIPPI
TENNESSEE
KENTUCKY
OHIO
INDIANA
MICHIGAN
ILLINOIS
WISCONSIN
MICH.
MINNESOTA
IOWA
MISSOURI
ARKANSAS
LOUISIANA
KANSAS
NEBRASKA
SOUTH DAKOTA
NORTH DAKOTA
OKLAHOMA
TEXAS
COLORADO
NEW MEXICO
WYOMING
UTAH
ARIZONA
MONTANA
IDAHO
NEVADA
CALIFORNIA
OREGON
WASHINGTON
CIVIL AIR PATROL REGIONS

Figure 9

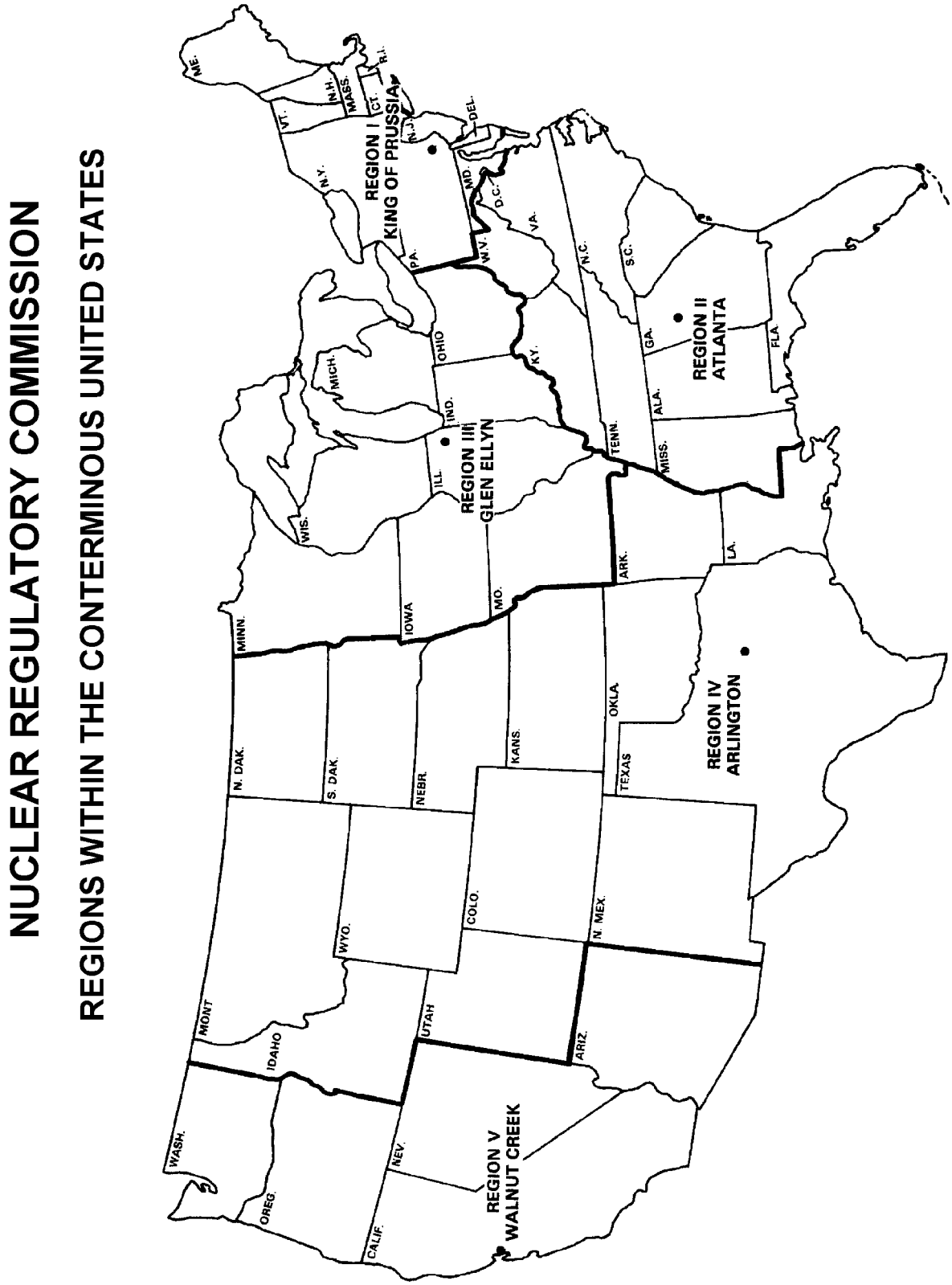

NUCLEAR REGULATORY COMMISSION
REGIONS WITHIN THE CONTERMINOUS UNITED STATES
REGION I
KING OF PRUSSIA
REGION II
ATLANTA
REGION III
GLEN ELLYN
REGION IV
ARLINGTON
REGION V
WALNUT CREEK
ME.
VT.
N.H.
MASS.
R.I.
CT.
N.Y.
N.J.
DEL.
MD.
D.C.
PA.
W.V.
VA.
N.C.
S.C.
GA.
FLA.
ALA.
MISS.
TENN.
KY.
OHIO
MICH.
IND.
ILL.
WIS.
MINN.
IOWA
MO.
ARK.
LA.
OKLA.
TEXAS
KANS.
NEBR.
S. DAK.
N. DAK.
COLO.
N. MEX.
WYO.
UTAH
ARIZ.
MONT
IDAHO
NEV.
WASH.
OREG.
CALIF.

Figure 10

Federal Emergency Management Agency

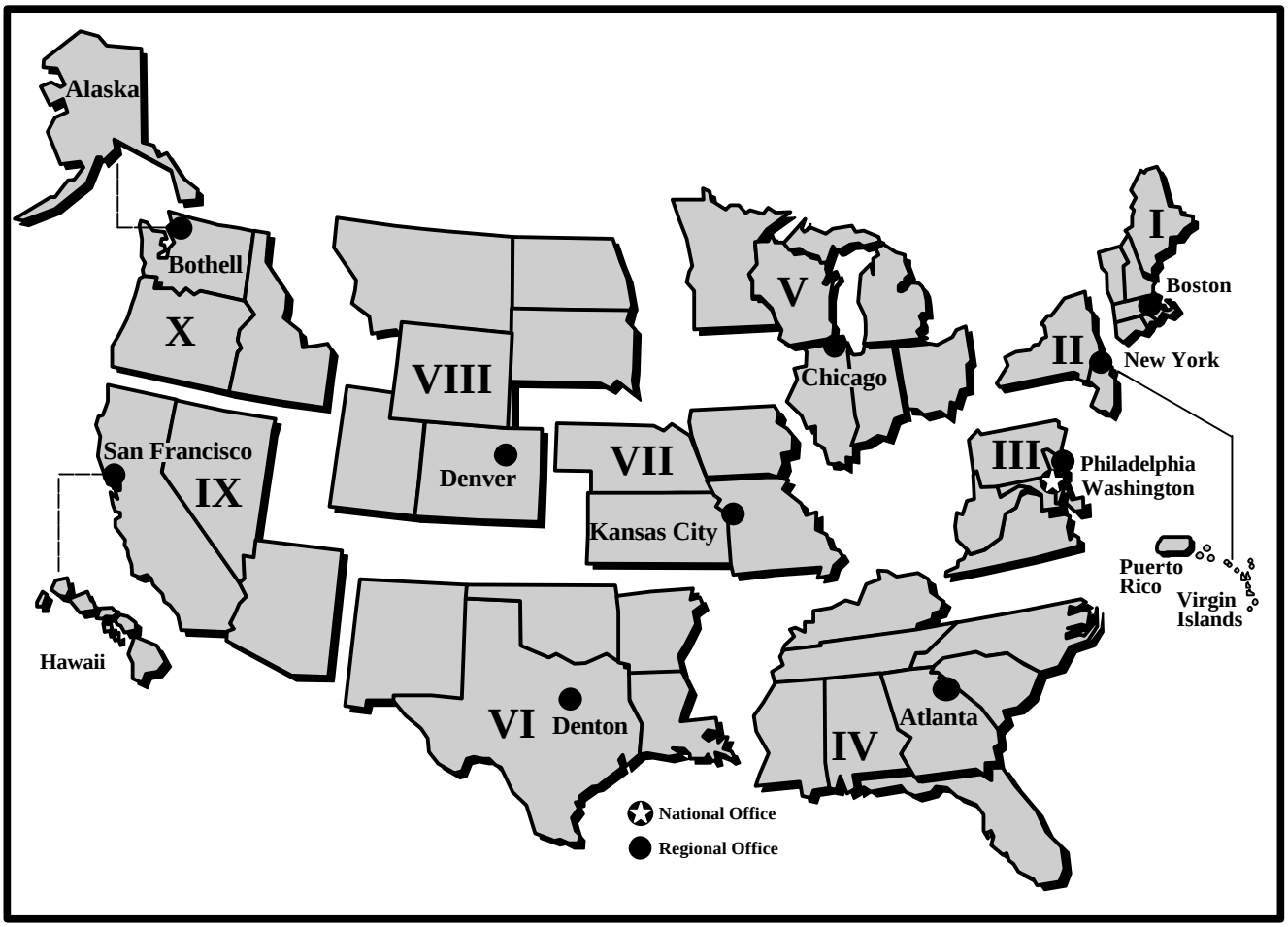


Figure 11

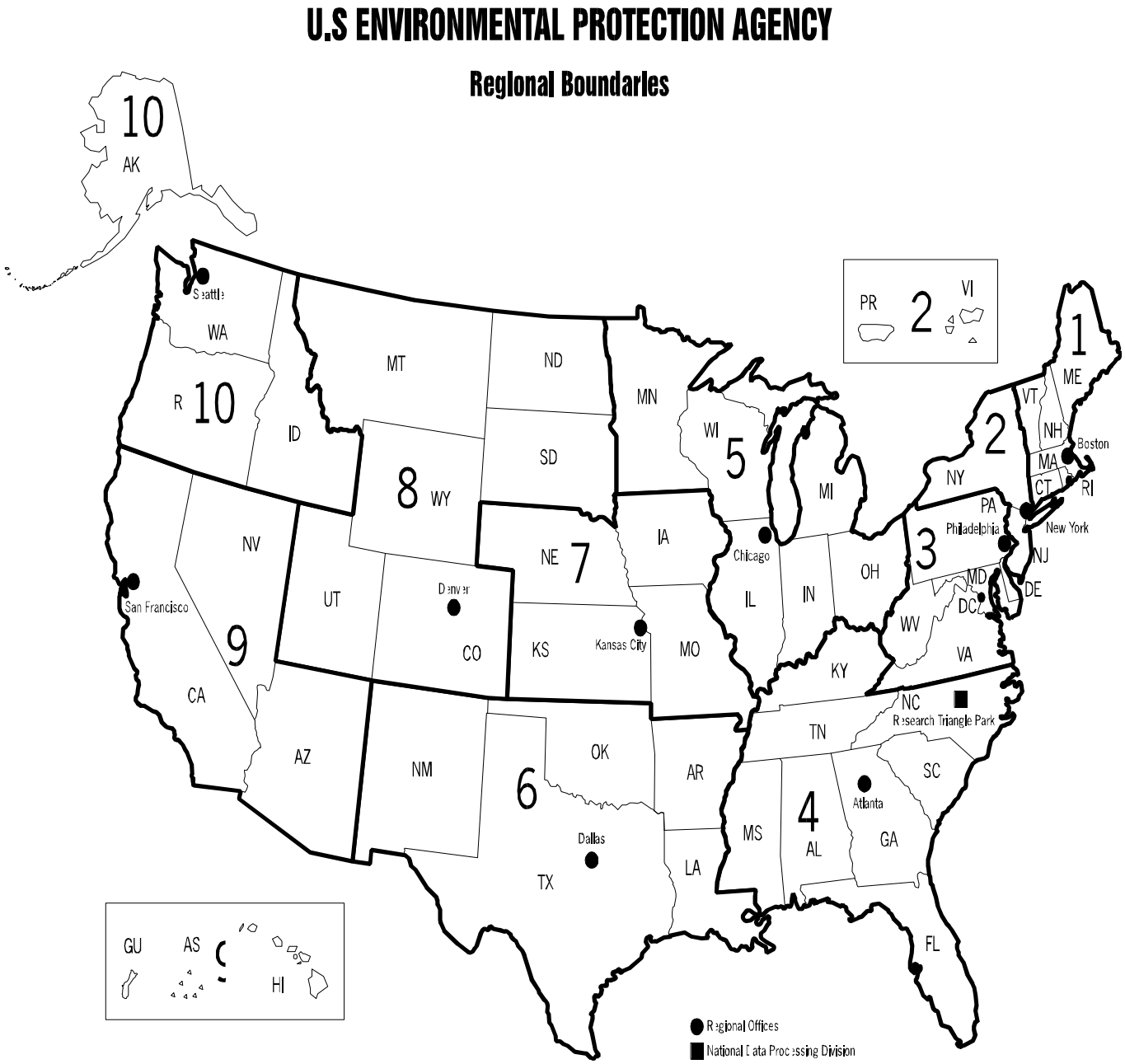

U.S ENVIRONMENTAL PROTECTION AGENCY
Regional Boundaries
10
AK
Seattle
WA
R 10
ID
MT
ND
SD
MN
WI
5
MI
8 WY
NV
UT
Denver
CO
NE 7
IA
Chicago
IL
IN
OH
NY
2
VT
NH
ME
1
Boston
MA
CT
RI
New York
PA
Philadelphia
3
NJ
MD
DE
DC
WV
VA
San Francisco
9
CA
AZ
NM
KS
Kansas City
MO
KY
TN
NC
Research Triangle Park
SC
6
OK
AR
Dallas
TX
LA
MS
4
AL
Atlanta
GA
FL
PR
2
VI
GU
AS
HI
Regional Offices
National Data Processing Division

Figure 12

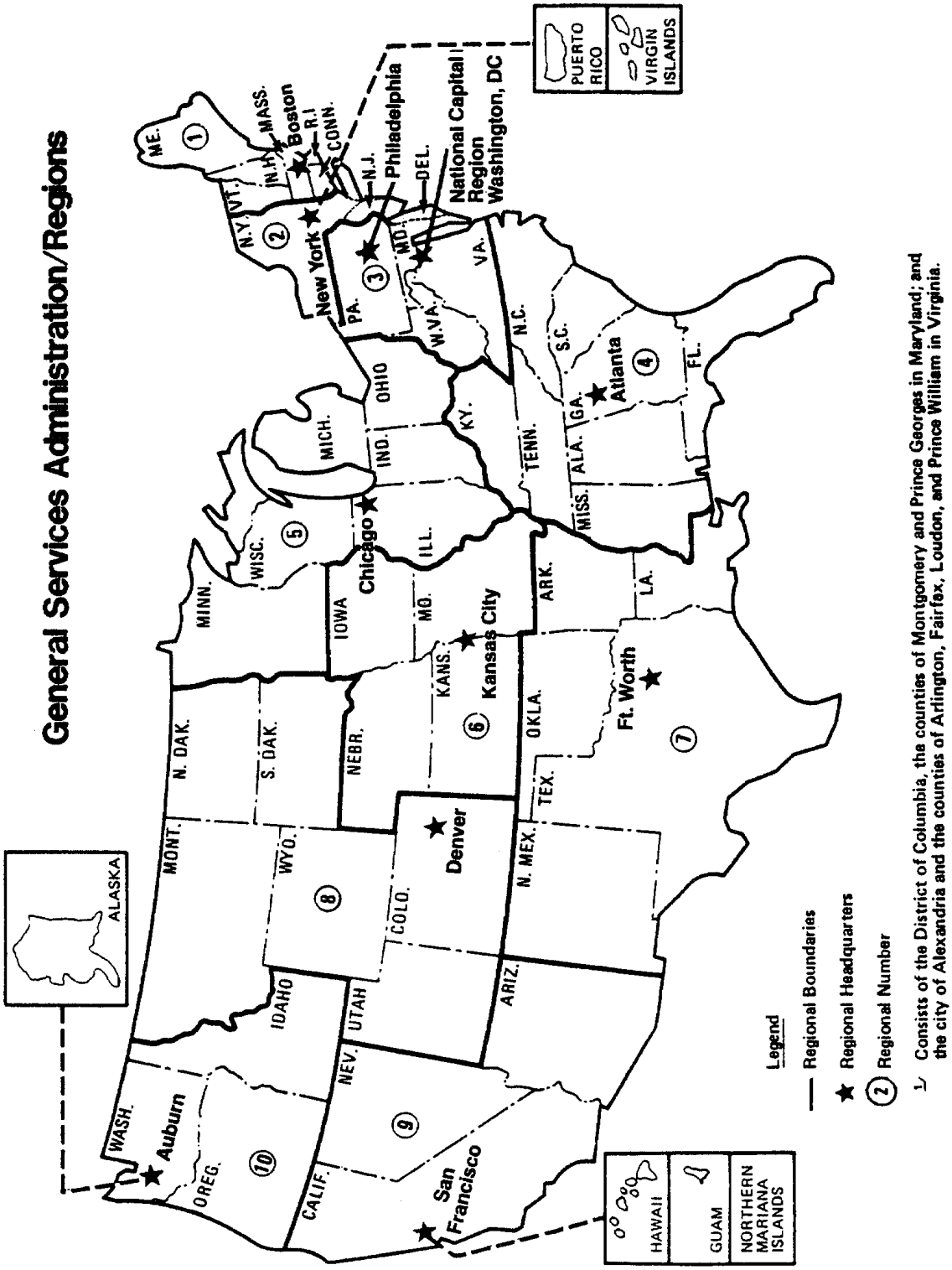
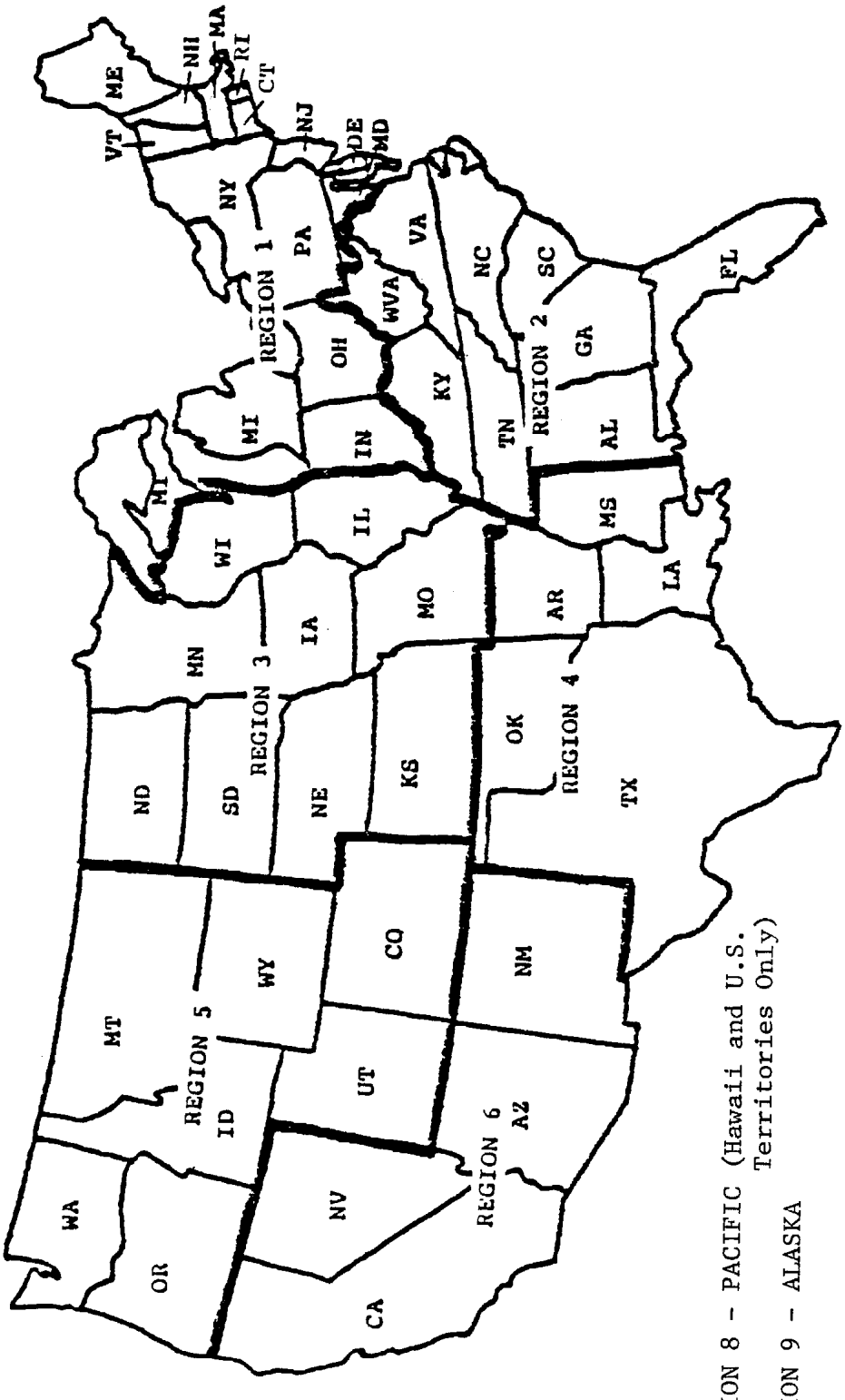

General Services Administration/Regions
ALASKA
WASH.
Auburn
OREG.
CALIF.
San Francisco
NEV.
IDAHO
UTAH
MONT.
WYO.
COLO.
Denver
N. DAK.
S. DAK.
NEBR.
KANS.
Kansas City
OKLA.
TEX.
N. MEX.
ARIZ.
MINN.
IOWA
MO.
ARK.
LA.
WISC.
Chicago
ILL.
MICH.
IND.
OHIO
KY.
TENN.
MISS.
ALA.
GA.
Atlanta
FL.
S.C.
N.C.
VA.
W.VA.
PA.
MD.
DEL.
N.J.
New York
N.Y.
VT.
N.H.
MASS.
Boston
R.I.
CONN.
ME.
Philadelphia
National Capital Region Washington, DC
PUERTO RICO
VIRGIN ISLANDS
HAWAII
GUAM
NORTHERN MARIANA ISLANDS
Legend
Regional Boundaries
Regional Headquarters
Regional Number
1/ Consists of the District of Columbia, the counties of Montgomery and Prince Georges in Maryland; and the city of Alexandria and the counties of Arlington, Fairfax, Loudon, and Prince William in Virginia.

Figure 13

USAF MARS REGIONS

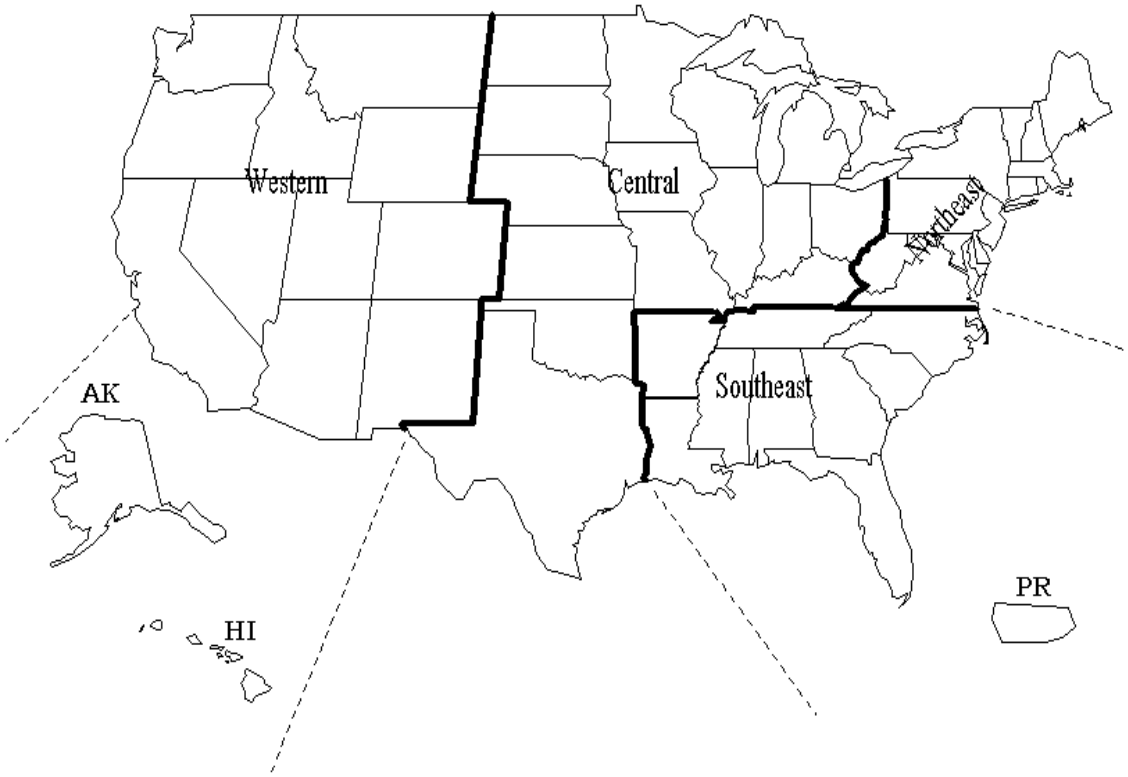


REGION 8 - PACIFIC (Hawaii and U.S. Territories Only)

REGION 9 - ALASKA

Figure 14

Department of Veterans Affairs - Office of the Inspector General
Inspector General for Investigations
Investigative Regions



PART 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

PART 5

MANUFACTURER CODES

This part of Annex G contains those manufacturer codes that will be used in the Circuit Remarks (REM) fields of the GMF (see Chapter 9, Section 9.8.2).

AAC	AACOMM, Inc.
AAE	Atlantic Aerospace Electronics Corp.
AAI	Aircraft Armaments Inc.
AAL	Air Force Avionics Lab
AAM	Alascom Inc.
AAN	AANDERAA Instruments
AAO	Aero Astro LLC
AAR	Andrea Radio Corp
AAS	Aiken Advanced Systems
AAT	Airsys ATM
ABA	ABA Electronics Mechanical System
ABB	Applied Communications, Division of Amstar
ABC	AB Net Corp.
ABR	Amber Electro Design, Inc.
ABZ	ABZ Swiss Industrial Group of Telecommications
ACA	Aircraft Accessories Corp.
ACC	ACE Communications
ACE	Aeronautical Communications Equipment Inc.
ACI	Air Communications Inc.
ACL	ACR Electronics
ACM	ASCOM
ACN	ACE R/C Inc.
ACO	Adcole Corp.
ACR	Acrodyne or Acrodyne Industries Inc.
ACS	AC Sparkplug Co.
ACT	ALCATEL
ACU	Antenna Corporation of America
ACW	Allen D. Cardwell Co.
ADA	Advanced Receiver Research
ADC	Advanced Electronics
ADD	Addison Industries Ltd.
ADE	Advanced Electromagnetic Inc.
ADF	AEL Defense Corporation
ADI	Advance Communications Inc.
ADL	Adler Electronics Co. or Adler Educational Systems Division
ADM	Admiral Corp.
ADO	Advanced Development Laboratory
ADR	Adams Russel
ADS	General Electric/Astro Space Division
ADT	Advanced Videotech Corp.
ADU	ACS (Advanced Communications System Inc.)
ADV	Audio-Vac
ADY	Aerodyne
AEA	AEA Electronic LTD
AEC	Allied Electronics Corp.
AED	Aero Electronics Development
AEI	Avion Electronics Inc.
AEL	American Electric Laboratories Inc. or American Electronic Laboratories
AEM	Applied Electro Mechanics, Inc.
AEO	Aer-O-Com
AEP	Aviation Electric Pacific Ltd.
AER	Aeronautical Electronic Inc.
AES	Aerosonic Corp.
AET	Aertech Inc.
AEX	Amex Systems, Inc.
AFA	A.F. Antronics
AFC	Antennas for Communications
AFL	Air Force Lab Built
AGA	Aero Geo-Astro Corp.
AGN	AGA Navigation Aids Limited
AHI	Aleth Inc.
AHS	A. H. Systems, Inc.
AIA	Alpha Industries, Inc.
AIC	Atmospheric Instrumentation Research Corp.
AID	Audio Intelligence Devices Inc.
AIE	Aire-Sciences, Inc.
AII	Atmospheric Instrument Research, Inc.
AIL	Airborne Instrument Laboratories
AIN	Ainslie Corp.
AIO	AIRONET
AIR	Aireon Manufacture Corp.
AIS	Air Science Inc.
AJE	Aerojet Electosystems
AJT	Aerojet Precision Weapons Co.
AKO	Polyot Aviation and Space Association
ALA	Alakai Electronics
ALC	Applied Research Corp.
ALD	Alder Electronics Inc.
ALE	Alfred Electronics

ALF	Alford Manufacturing Co.
ALG	Allgon Antenna AD
ALI	Advance Devices Lab. Inc.
ALL	Allison Electronics
ALM	Alcom Limited
ALN	Alenia Spazio
ALO	Alineco
ALP	Aleph Inc.
ALR	Allister
ALS	American Laser Sys Technology
ALT	Altech Lansing
ALU	Aluma Tower Co.
ALV	Alva Radio Industries
AMC	Aeornca Manufacturing Corp.
AMD	AMD Electronics
AME	AMECO Equipment Corp.
AMF	American Machine and Foundry Co.
AMH	Amherst Systems, Inc.
AMI	Amecom Division
AML	Amplica, Inc.
AMN	American Nucleonics Corp.
AMO	American Optical Corp.
AMP	Amphenol Canadian Ltd. or Amphenol Dist. Division
AMQ	Als Marine Radio
AMR	Aircraft-Marine Radio Corp.
AMS	American Systems
AMT	Amcor
AMX	Ampex Corp.
ANA	Andrew Antenna Corporation Ltd.
ANC	Andrew California Corp.
AND	Andrew Corp.
ANE	Antenna Electronics Co.
ANF	Aeronutronic Ford
ANI	Antac Industries, Inc.
ANL	Antenna Laboratories Inc.
ANM	Anram Electronics
ANN	Anderson Lab
ANP	Antenna Products Co.
ANR	Antenna Research Associates
ANS	Antenna Specialists Co.
ANT	Arnet
ANX	Antenex, Inc.
ANY	Any & Company Ltd.
ANZ	Anzac Industries
AOA	Allen Osbourne Associates, Inc.
AOC	Air Associates Co.
AOM	Air Comm Electronics
AOP	Aerospatiale
AOR	AOR, Ltd.
APA	Applied Specialities Inc.
APC	All Products
APD	Aircraft Products Co.
APE	Apelco or Applied Electronics Co.
API	Applied Research, Inc.
APN	Applied Concepts
APO	Apollo Manufacturing Co.
APP	Applied Communications
APS	Applied Systems Engineering
APT	Applied Technology
APV	Applied Devices Corp.
ARA	ARTAIS Inc.
ARB	Artars Inc.
ARC	Aircraft Radio Corp.
ARD	A.R. & D. Co.
ARE	Atlantic Research Corp.
ARF	ARF Products, Inc.
ARH	Arcata Associates, Inc.
ARI	Aerospace Research Inc.
ARJ	Aeronautical Radio Inc. or ARINC
ARK	Arkay International Inc.
ARL	Atir Limited
ARN	Aerotron, Inc.
ARO	Aironet
ARP	Aerospatiale
ARR	Amplifier Research Corp.
ARS	Associated Radio Service Co.
ART	Allied Radio Shack
ARV	Arvin Industries Inc.
ARW	Aero Wave
ARX	ARTEX Inc.
ASA	Asahi Optical Co.
ASC	Astronomics Corp.
ASE	Astral Electronics Inc.
ASG	Allied Signal Commercial Aviation System
ASI	Alto Scientific Inc.
ASK	AMSC Skycell, Inc.
ASM	Astromarine Products Corp.
ASN	Aselsan
ASP	A/S S.P. Radio
ASQ	AEI: Electronics Ltd. or Associated Electrical Industries
AST	Astro Communication Laboratories or Astaron Electronics Ltd.
ASU	Astronautics of America
ASW	Air Target Sweden
ASY	Antenna Systems Inc.
ATA	Atacs Corp.
ATB	ATCI Antennas
ATC	Astro Telecom Corp.
ATD	American Training Aid
ATE	Advanced Tech Talk
ATF	Advanced Techcom Inc.
ATG	Antenna Technology Communications, Inc.
ATH	Antech Corp.
ATI	Amerasia Technology Inc.
ATL	Atlantic Instrument & Electronics Inc.
ATM	Automation Inc.
ATN	Advanced Telemetrics International
ATO	Autotape
ATR	Airtronics Inc.
ATS	Advanced Telemetry Systems, Inc.
ATT	American Telephone & Telegraph
ATW	ATA Defense Industries Inc.
ATX	Advanced Training Systems
AUA	Austin Custom Antennas

AUD	Audio-Sine, Inc.
AUM	Austin Microwave, Inc.
AUP	Autophon
AUR	Autronics
AUS	Austron
AUT	Autonetics
AVA	Avanter Inc.
AVC	Avco Corp.
AVI	Avitron Inc.
AVK	Avantek
AVM	AVM Instrument Co.
AVN	Aerovironment
AVS	Advanced Countermeasures Systems
AVT	Avtek Co.
AVX	Audiovox
AXM	Anixter-Mark Co.
AYD	Aydin
AYI	Airport Systems International, Inc.
AZD	Azden, Inc.
BAA	Ball Aerospace
BAB	Babcock Electronics Corp.
BAC	Barry Research Corp.
BAE	Barth Engineering & Mfg. Co.
BAI	Baird Corp.
BAK	Backgrounds Unlimited, Inc.
BAL	Ball Brothers
BAP	British Aerospace Public, Ltd.
BAR	Barrett Electronics
BAS	Bauer Electronic Manufacturing Co.
BAU	Bauer Electronics Corp.
BAY	Bayside Electronics Co.
BBR	Brubaker Mfg. Co., Inc.
BCA	Babcock Aerospace
BCC	British Communications Corp.
BCD	Bogen Comm Division Lear Siegler
BCO	Benco TV Associates Ltd. Canada
BDM	BDM Corp.
BDS	Bidirectional Microwave Systems
BEB	Beckman/Berk
BEC	Beckman Instruments Inc.
BED	Berkeley Division of Beckman Instruments Inc.
BEE	Beech Aircraft Corp.
BEG	Bendix/King Mobile Communications
BEI	Bayside Electronics Inc.
BEL	Bell Telephone
BEM	Belair Electronic Laboratory
BEN	Bendix Corp. or Bendix Aviation Corp.
BER	Bertea Products or Bertea Corporation
BET	Beta Co.
BHA	India Bharat
BHC	Bell & Howell Communications Co.
BIG	Biggs Associates Inc.
BII	Bison Instruments Inc.
BIO	Biocom Inc.
BIR	Bird Electronic Corp.
BIT	Bitro
BJH	Bunnell J.H. Co.
BKG	BKM Electronics
BKM	B-K Manufacturing Co.
BKR	Becker Avionics
BLA	Blau-Knox Co.
BLH	Bell Helicopter Textron, Inc.
BLI	Browning Laboratories, Inc.
BLS	Balise
BLU	Bludworth or Bludworth Marine Division
BMR	Benmar
BMS	Broadcast Microwave Services
BNM	Benmar Division of Computer Equipment
BNR	Benrad, Inc.
BOA	Boeing Aerospace
BOE	Boeing Aircraft
BON	Bonner Specialties
BOP	Bogan-Presto
BOT	Boonton Electronics Corp.
BRA	BR Communications
BRC	Belmont Radio Corp.
BRD	Broadcomm
BRE	Brelonix, Inc.
BRI	Bristol Aerospace Ltd.
BRL	Balistic Research Laboratory
BRO	Browning Communications Associates
BRT	Broadcast Electronics
BRU	Brunswick Co.
BRW	Bunker Ramo World Services Corp.
BSC	British Standard Cable Co.
BTA	Benco TV Associates, Ltd.
BTH	British Thompson Houston, Ltd.
BTI	Burle Technologies, Inc.
BTL	Blonder Tongue Laboratory, Inc.
BTX	Bartex Co.
BUD	Budelman Electronics Corp.
BUK	Beukers Co.
BUR	Burton Instrumentation, Inc.
BUT	Butler National Corp.
BWC	Benrus Watch Co.
BWI	Barker Williamson
BZR	Bonzer, Inc.
CAA	Canadian Arsenals, Ltd.
CAB	Campbell Manufacture Company, Ltd.
CAC	Cessna Aircraft Co.
CAD	Cadre Division of Amphenol
CAE	Canadian Aviation Electronics
CAH	Capehart Corp.
CAI	Communication Associates, Inc.
CAL	Cornell Aeronautical Laboratories, Inc.
CAM	Canadian Marconi
CAN	Canoga Electronics Corp.
CAP	Communications Applied Technology
CAR	Canadian Radio Corp.
CAT	Canadian Telephone Co.
CAW	Canadian Westinghouse
CBC	Columbian Bronze Corp.
CBE	Crown Broadcast Electronics
CBM	CBM Electronics

CBR	Cober Electronics, Inc.
CBW	Cable Waves
CCA	CCA Electronics Corp.
CCB	Control Chiefs, Inc.
CCC	Cadion Communications Corp.
CCD	Control Industries
CCE	Comelit Compagnia Electronics
CCF	Coastal Climate Company
CCH	Consultants Choice, Inc.
CCI	Communications Carriers, Inc.
CCJ	Communications Co., Inc.
CCK	Carlson Communication, Inc.
CCM	Communications Components Corp.
CCO	Colt Communications Corp.
CCP	Continental Electric Corporation
CCR	Coherent Radiation Co.
CDB	Computing Devices Co.
CDC	Control Data Corp.
CDI	Consultants and Designers, Inc.
CDN	Cardian Electronics
CDO	Canadian Department of National Defense
CDR	Codar Ocean Sensors
CDW	Cardwell Mfg. Co.
CEC	Columbus Electronics Corp.
CED	Cleveland Electronics, Inc.
CEE	Communications Equipment Engineering Co.
CEI	Cleveland Electronics, Inc.
CEL	Colorado Electronics
CEM	Continental Electronics Manufacturing Co.
CEN	Communications Engineering Co.
CEO	Celesco Industries
CER	Centry Research Corp.
CES	Checkpoint Systems, Inc.
CET	CETEC Vega
CEU	Centurion International, Inc.
CFD	Camfield Mfg. Co.
CFM	California Microwave
CGE	Canadian General Electric Co. or Canadian GE Company, Ltd.
CHA	Channel Master Corp.
CHD	Childs
CHE	Challenger Electronics Corp.
CHI	Columbian Hydronxonics Inc.
CHK	Checker Electronics Corp.
CHL	Chelton, Inc.
CHR	Chris Craft Corp.
CHT	Chester Electronics
CHU	CHU Associates
CHV	Chance Vought Aircraft Corp
CIA	Campatnia Industrial Aerospace
CIC	Cubic Industrial Corp.
CII	Communications Industries, Inc.
CIL	Cossoe Intruments, Ltd. (UK)
CIN	Cincinnati Electronic Corp.
CIR	CIR Industries
CIT	Citizens Radio Corp.
CKC	Cook Communications Corp.
CLA	Clarion Corp.
CLC	Control Laser Corp.
CLD	Clegg Division of International Signal & Control
CLE	Clegg Laboratories, Division of Squires-Saunders Inc.
CLF	California Amplifiers
CLI	Clark Instrument Co.
CLM	Clairmonte Industries
CLN	Calspan Corp.
CLT	California Technology
CLW	Celwave Systems
CMB	Cambridge Consultants
CMC	Comet Company, Ltd.
CME	Century Metal Parts Corp.
CMI	CMI, Inc.
CML	Communications Measurement Laboratory
CMO	Canadian Motorola
CMR	COMSAT, RSI
CMS	Cosmos Industries
CMT	Communitranics
CMU	Communitronics Ltd
CMW	Comwave
CNA	China Electronic Import and Export Corp.
CNC	Conic Corp.
CNE	Com/Nav Electronics
CNI	Contraves Italiana
CNN	Cannon Electronics
CNR	Conifer
CNT	Comant
CNY	Canyon Communications Corp.
COA	Communication Specialities
COB	Cobra
COC	Communication Co.
COD	Conductron Corp.
COE	Communication Electronics Co.
COH	Cochran
COI	Comtech Lab, Inc.
COK	Cook Electric Co.
COL	Collins Radio Co.
COM	Comrex
CON	Continental Electronics, Ltd.
COO	Coro Metrics Medical Industries
COP	Communications Products Co.
COR	Continental Radio
COS	Cosser Electtonic
COT	Contraves AG
COU	Courier Communications, Inc.
CPA	Computalert
CPD	Compudyne Corp. EWI Division
CPL	Codan Pty, Ltd.
CQP	Cinequip, Inc.
CRA	Craig System, Inc.
CRB	Commercial Resources Communications
CRC	Collins Radio of Canada
CRE	Comaire Electronics
CRF	Crofs Electric Co.
CRH	Crouse-Hinds
CRN	Crylarm

CRO	Crosley
CRP	Concord Electronics Corp.
CRR	Colonial Radio Corp.
CRT	Cartwright Electronics Inc.
CRU	Cruise Technology
CRY	Carry Phone Corp.
CSA	CSI Electronics
CSC	Customs Signal Corp.
CSI	Control Science, Inc.
CSP	Communications Specialists
CSR	Citizen Ship Radio Corp.
CSS	Communications Satellite Corp.
CTA	CTA Space Systems
CTC	CTI Corp.
CTM	Continential Microwave and Tool Co.
CTN	Chemrad Tennessee Corp.
CTP	Carterphone Communications
CTR	Cattron, Inc.
CTT	Connecticut Telephone & Electric
CUB	Cubic Co.
CUC	Communications Devices Co.
CUL	Culbertson Industries, Inc.
CUM	Custom Electronic Manufacturing Co.
CUR	Curtis Wright Corp.
CUS	Cush Craft
CUT	Cutler Hammer Inc. or AIL Division of Cutler Hammer
CVL	Carvill International Corp.
CVR	Convair
CWE	Comwave
CWI	Cartwright, Inc.
CWR	C.W. Radiation Co.
CYB	Cybermation
CYL	Cylink Corporation
CYT	Cybernet International, Inc.
DAD	Door Alarm Devices Corp.
DAE	Davco Electronics Inc.
DAG	Dage Electric Co.
DAM	Danmar
DAN	Daniels Electronics Limited
DAP	Dayton Aircraft Products Inc.
DAR	Dare, Inc.
DAT	Data Control Systems
DAV	Dalmo Victor Co.
DAY	Daystrom, Inc.
DBM	Three DBM Systems
DBS	DeBernardi Scientific Corp.
DCE	Decatur Electronics, Inc.
DCF	DCF Systems, Ltd.
DCI	Defense Communications Engineering Inc.
DCM	Delcom
DEA	Decca Radar Ltd. UK
DEB	DEBEG-GMBH
DEC	Decibel Products, Inc.
DEF	Deferral
DEG	DEL (Design Engineering Lab, Inc.)
DEI	Defense Electronics
DEL	Delmar Engineering Laboratories
DEM	Demco Electronics
DEN	Denel Aerospace Group
DER	Dentron Radio Corporation
DES	Delstar Corp.
DET	Detroit Bullet Trap Co.
DEV	Develco, Inc.
DEW	Dewey GC, Inc.
DFN	Delfin
DGI	Dayton Granger, Inc.
DGR	Douglas Randall Div. of W.K. Radio Alarm Box
DHV	DHV, Inc.
DIC	Diamond Antenna-Microwave Co.
DIE	Dielectric Products Engineering Co., Inc.
DIG	Digital Radio
DIL	Diamond Laboratories
DIM	Dimick Manufacture Corp.
DIR	Direction Corp.
DIT	Digitize, Inc.
DIV	Divco Wayne Corp.
DIX	Dixon Industries Corp.
DJC	Dickey-John Corp.
DJH	Dewitt, John H.
DLA	Dumont Division of Ling Altec, Inc.
DLB	Denro Lab
DLC	Dynalab Corp.
DLF	Dell Space Star
DLN	Del Norte
DMC	Digital Microwave Corp.
DMD	Dyna Magnetic Devices
DMI	Data Marine International
DMR	Dubose Marine Radio
DMT	Defiance Machine Tool Co.
DNE	DNE Technologies, Inc.
DNS	Decca Navigator Systems, Inc.
DNT	Del Norte Technology, Inc.
DOE	Domestic Radio
DOI	Domino, Inc.
DOL	Doolittle Radio, Inc.
DOM	Dorne Margolin, Inc.
DOP	Davidson Optronics
DOR	Dorsett Laboratories
DOS	Dorsett Electronics Division(LaBarge, Inc.)
DOU	Douglas Aircraft
DOW	Dow Chemical Co.
DPA	Dapa Communications, Inc.
DPR	Data Products, Inc.
DRA	Drake RF Co.
DRC	Dollar, Robert Co.
DRD	Dero Research Development Corp.
DRG	Deskin Research Group
DRI	Decca Radar, Inc.
DRK	Data Radio Corp.
DRP	DRS Precision Echo, Inc.
DRS	Dressler Engineering, Inc.
DSC	DSC Communications
DSI	Daytron Systems, Inc.
DSY	Defense Systems, Inc.

DTE	Daytong Electronics, Ltd
DTM	Datum
DTS	Data Transmission Science, Inc.
DTW	Datawell
DUB	Dubrow Development Co.
DUM	Dumont Laboratories or Dumont, Allen B. Laboratories, Inc.
DUT	Duelatron
DVR	Diversitel Communications, Inc.
DVS	Davis Co.
DVT	Dav-Tron Co.
DXR	DX Radio Corp.
DYA	Dynalec Corp.
DYC	Dynamic Communications
DYM	Dymec
DYN	Dynatronics, Inc.
DYR	Dynair Electronics
DYS	Dynascan Corp.
EAG	Eagle-Picker Industries, Inc.
EAI	Elta-Ashdad Israel
EAK	Easker
EAR	Earmark, Inc.
EAS	Eastern Industries, Inc.
EAT	Eagle Technologies, Inc.
EBC	EB Corp.
EBN	EB-Nera
ECC	ECI Telecom LTD
ECI	Electronics Communications, Inc.
ECL	Eaton Corp. AIL DIVN.
ECM	Encomm, Inc.
ECO	Econolite
ECR	Edcor
ECT	Electrotape
EDA	Electro Data, Inc.
EDC	Electronic Development Corp.
EDE	Environment Development Corp.
EDI	Edison Pageitalia
EDL	Edler Industries
EDO	EDO Corp.
EDR	EDO Aire
EDZ	Electronic Devices Corp.
EEB	EEB (Electronic Equipment Bank)
EEC	Electronic Engineering Co.
EEE	EMCEE, Co.
EEI	EICO Electronics Instruments Co.
EEL	Emerson Electric Co.
EER	EER Systems
EES	Elisra Electronics System, Ltd.
EFD	EF Data
EGD	Electrogarde, Inc.
EGG	Ernst, Grier Germerhausen Co.
EGX	Energy-Onix
EII	EMC Instrument Co.
EIM	Eitel McCullouth, Inc. (EIMAC)
EIP	Electromatic, Inc.
EIT	Eitel Electronics
EKA	Eureka Sys, Inc.
EKP	EK Products, Inc.
ELA	Ellason
ELB	Electrolab
ELC	Electronics Concepts, Inc.
ELD	Eldico Electronics
ELE	Electron Corp.
ELF	Electrofact NV
ELI	Electrac, Inc.
ELL	Electronic Laboratories, Ltd.
ELM	Electronic Material International, Ltd.
ELO	Eldorado Electrodata
ELR	Electrofab
ELS	Electromagnetic Sciences, Inc.
ELT	Electrotechnic Corp.
ELU	ELTS Unlimited, Inc.
ELY	Eldyne, Inc.
EMA	Electro Magnetic Sciences Co.
EMB	Emergency Beacon Corp.
EMC	Electronics Missiles Communications, Inc.
EMD	Electronics & Manufacturing Co.
EME	Emerson Research Labs
EMH	Electro-Mechanics Co.
EMI	EMI-Cossor Electronics Ltd. or EMI Marine Division
EML	EMI Electronics, Ltd.
EMP	Electromagnetic Processes, Inc.
EMR	Electro Mechanical Research, Inc.
EMS	Electrometrics
EMT	EMR (Sangamo Weston, Inc.)
EMW	Eastern Microwave Corp.
ENA	ENAC/Triton Corp.
ENC	Electronic Navigation Corp.
END	ENDECO
ENG	Engineering Services
ENI	Electronic Navigation Instruments
ENR	Environmental Research Institute
EOI	Elmer (Italy)
EOS	Electro Optical Systems
EPL	Epsilon Lambda Electronics Corp.
EPS	EPSCO, Inc.
ERA	Ericsson, L.M. Ltd.
ERC	ERCO Radio Laboratories
ERD	Emhiser Rand
ERI	Electronics Research Industries
ERN	Erichson
ERP	Erapsco
ERX	Emhiser Research, Inc.
ESC	ESCO
ESD	ESL, Inc.
ESE	Electronic System Technology
ESG	Eurosatellite GMBH
ESI	Energy Systems, Inc.
ESL	Electromagnetic Spectrum Laboratory
ESM	Espey Manufacturing Co.
ESN	Espey Mfg Electronics
ESP	Electronic Speciality Co.
ESQ	Electronic Signal Products
ESR	Esterline

ESS	Electronic Support Systems, Inc
EST	Electric Service Co.
ESY	E-Systems
ETC	Electromagic Technology Corp.
ETE	Enterprise Electronics, Inc.
ETO	Electro Systems International
ETR	Ecatek, Inc.
ETS	Electronic Systems Technology
EUU	European Antennas
EVC	Electric Voice Corp.
EXE	Executive Communications
EXI	EXICOM New Zealand, Ltd
EXT	Executone, Inc.
EXX	EXETEX
EYR	Eyring Research Institute
FAA	Federal Aviation Administration
FAC	Fairchild Engineering Corp.
FAG	Fargo Co.
FAI	Fairchild Stratos
FAL	Frant, Alan I.W.
FAM	F & M Electronics
FAN	Fannon
FAP	Fran Air Products Co.
FAR	Farnsworth TV Radio
FAS	Ford Aerospace Corp.
FCC	Federal Communication Corp.
FCM	Fairchild Camera and Instruments
FCO	FINCO
FDC	Fairchild Data Corporation
FEC	Farinon Electric
FED	Federal Telephone Radio Corp.
FEI	Florida Communications and Electronics, Inc.
FEL	Frequency Engineering Laboratories
FEM	FEMCO, Inc. or FEMCO Div. Gulton Industries
FER	Ferguson Communications, Inc.
FET	Federal Telegraph Co.
FFE	F-F Electronics
FGE	F. G. Engineering
FGI	Fleetwood Group, Inc.
FHM	F & H Manufacturing Corp.
FIB	Fibercom
FIC	Ferritronics
FIG	Figgie International
FIL	Filmdex Corp.
FIN	Finney Co.
FLA	Flam Russell
FLL	Flight Refuel, Ltd.
FLO	Flotronic Products, Inc.
FLR	Flir Systems, Inc.
FLT	Flite-Tronics
FMI	Farinon Microwave
FNT	Fonet, Inc.
FOK	Fokker
FON	Fontek
FOR	Fort Worth Tower Co.
FOS	Foster Airdata Systems ,Inc.
FRA	Francis Industries, Inc.
FRH	French Center National D'Etudes Spatiales (CNES)
FRL	Fisher Research Laboratory, Inc.
FRV	Fraser-Volpe
FRW	Freewave, Inc.
FSC	Federal Signal Corp.
FSI	Frequency Source, Inc.
FSR	Federal Signal Radio
FSS	Federal Sign and Signal
FUE	Fuchs Electronics
FUJ	Fujitsu Tem Corp. of America
FUR	Furuno
FUT	Futaba
FWC	F.W. Carpenter Manufacturing Co.
GAB	Gabriel Corp.
GAC	General Atronics Corp.
GAD	Gates American Corp.
GAE	General Aviation Electronics
GAI	Garmin International
GAL	Granger Associates ,Ltd.
GAM	GAM Electronics, Inc.
GAP	General Avionics
GAR	Garrett Manufacturing, Ltd.
GAS	Grumman Aerospace Corp.
GAT	Gates Radio Co.
GAW	Gamewell Division of Gulf Western
GBC	General Bronze Corp.
GDC	General Development Corp.
GDE	General Dynamics/Electronics
GDI	Godfrey Engineering, Inc.
GDN	Geodynamics Corp.
GEC	GEC Telecommunications, Ltd.
GEE	General Electric England
GEI	Galaxy Electronics, Inc.
GEL	General Electronics Laboratories, Inc.
GEM	Gem Marine Products
GEN	General Electric Corp.
GEO	Geodyne Corp.
GEP	Genesys Systems
GES	Geophysical Survey System, Inc.
GEV	Genave
GHH	GH Harlow, Inc.
GIB	Gibson Antennas
GIC	General Instrument Corp.
GII	Gulton Industries, Inc.
GIL	Gilfillan Bros, Inc.
GIM	Gimeni III
GIT	Georgia Institute of Technology
GLB	GLB Electronics, Buffalo, N.Y.
GLO	Globe Industries
GLR	G&L Marine Radio
GMC	General Motors Corp.
GME	General Microwave Services
GMI	General Microwave Corporation
GMS	Galaxy Micro Systems, Inc.
GMW	Global Microwave, Inc.
GNT	Grant Applied Physics

GOA	Goodyear Aerospace Corp.
GOM	Geomation
GON	Gonset Corp. or Gonset Division of Aerotron or Dumont Division of Gonset
GOT	Geotel Development
GOU	Gould, Inc.
GPI	General Precision Inc., Ltd. (UK)
GPL	General Precision Laboratories or Singer-General Precision, Inc.
GRA	Granger Associates or Bauer Broadcast Division of Granger
GRC	General Radio Co.
GRE	GRE America
GRO	Ground Data Corp.
GRR	Green Mountain Radio Research
GRT	General Radiotelephone Co.
GRU	Gruen Watch Co.
GRY	Gray Radio Company, Inc.
GSE	General Service Engineering
GSS	Geo Space Systems, Inc.
GTC	Granite Telecom Corp.
GTE	GTE Sylvania
GTL	GTE Lenkurt
GTP	GTE Products Corp.
GTS	Gemtronics
GUD	Gudeman Co.
GUL	Gulton
GYE	Glenayre
GYR	Gyrodyne Co.
HAC	Harris Corp.
HAD	Harris Aerospace Systems Divn.
HAE	Harbor Electronics
HAI	Hallmark Instruments, Inc.
HAK	Harkins Radio
HAL	Hallicrafter Co.
HAM	Hammarlund Manufacturing Co. or Dumont Division of Hammarlund
HAN	Handar Company
HAP	Hornet Antenna Products Co.
HAR	Harvey Radio Laboratories, Inc.
HAS	Hastings Raydist, Inc.
HAY	Hays Corp.
HAZ	Hazeltine Corp.
HCC	Hal Communications
HDL	Harry Diamond Lab.
HDS	Household Data Services, Inc.
HEA	Heath Co.
HEC	Hecules Defense Electronics Systems
HEK	Hekimian Laboratories, Inc.
HEL	Hermes Electronics
HEN	Hendys Two Way Radio Service
HEP	Hewlett Packard
HER	Hermer Electronics, Ltd.
HES	Harbor Electronics Services
HFI	Harris Farinon, Inc.
HIC	Harris Intertype Corp.
HIQ	HI-Q Electronics, Inc.
HIT	Hittite Microwave
HJH	Harrison, John H.
HKL	Henitz & Kaufman, Ltd.
HLI	Holobeam Laser, Inc.
HMC	Hartman Marine Equipment Corp.
HME	Hartman Marine Electronics Corp.
HMI	HM Electronics, Inc.
HMK	Heimark Electronics Laboratory
HMS	Herley Microwave Systems
HMT	Hamtronics
HOB	Hobby Lobby International
HOF	Hoffman Electronics Corp.
HON	Honeywell
HOR	Horizon
HOU	Houston Corp.
HRB	HRB Singer, Inc.
HRC	Henry Radio Co.
HRM	H.R. Smith
HRS	Hendy Radio Service
HSA	Hallands Signal Attaraten
HSC	Hawkeye Systems Corp.
HSD	Halstead
HSS	Hydro Space Systems
HSY	Hartman Systems (Div. of ATO)
HTC	Hughes Tool Co.
HTI	Hamtronics, Inc.
HTS	HT Systems
HUA	Hamilton Standard Division-United Aircraft
HUB	Hubcom (Hubbard Communications, Inc.)
HUD	Hudson American
HUG	Hughes Aircraft Co.
HUL	Hull Electronics Co.
HUN	Huntley
HUS	Hustler
HYB	Hybrid Network, Inc.
HYE	Hy-Gain Electronics Corp.
HYG	Hygain Antenna Products
HYN	Hytenna
HYP	Hyperlink Technologies
HYT	Hytel Corp.
IAI	Israel Aircraft Industries, Ltd.
IAL	International Aeradio, Ltd.
IBM	International Business Machine Co.
ICM	ICOM
ICO	International Corp.
ICS	Industrial Comm Systems
IDE	IDC Electronics
IDI	Identification Devices, Inc.
IEC	IEC Electronics Corp.
IEI	Intercontinental Electronics, Inc.
IEM	Intermec
IFD	In-Flight Devices Corp.
IFR	Instrument Flight Research Corp.
IGT	Insight Technology
III	Intellitech Industries, Inc.
IIT	IITRI

IKE	Ikegami Electric Co.
ILS	International Laser Systems, Inc.
IMA	ITT Mobile Communications
IMC	International Microwave Corp.
IMM	International Mobile Machine, Inc.
IMT	International Mobile Telephone Systems
INC	INTRAC
IND	Industrial Radio Corp.
INE	Intech, Inc.
INL	Inland Communications, Inc.
INM	Intermic
INO	Inovonics Corporation
INR	Intrelex, Inc.
INT	Interstate Electronics Co.
INV	Internav, Ltd.
IOT	Interstate Oil Transport Co.
IRC	Islip Radio Corp.
IRE	International Radio Electronics Corp.
ISC	International Signal and Control
ISD	ISC Defense Systems
ISE	International Standard Electric Corp.
ISI	IFR Systems, Inc.
ISS	Information Station Specialist
IST	Innerspace Technology, Inc.
ISY	International Ltd.
ITA	ITA Electronic Corp.
ITB	ITT Electron Tube Division
ITC	ITT Telecommunications
ITD	ITT Decca, Inc.
ITF	ITT Defense Communications
ITG	ITT Gilfillan
ITH	Indiana Technical Corp.
ITI	ITI Electronics, Inc.
ITK	ITT Kellogg Communication System
ITM	ITT Mackay Marine
ITO	ITT Aerospace/Optical
ITP	International Telephone & Telegraph Corp. or ITT Industrial Products
ITR	Itek Corp.
ITS	ITT Standard
ITT	ITT Federal Laboratories
ITV	ITT Avionics
IWI	Insulated Wire, Inc.
JAB	Jaybeam
JAC	JASCO International
JAH	Janco Inc.
JAM	Jampro Antenna Co.
JAR	Robert A. Jones
JAS	Jasik Laboratory
JAY	Jay Tapp Inc.
JCA	J.C. Air
JCC	J.C. Chastain
JCI	Johnson Control, Inc.
JCP	J.C. Penney Company
JDE	John Deere
JDT	Johnson Data Telemetry Corp.,
JEF	Jefferson Ray, Inc.
JEP	Jet Propulsion Laboratory
JER	Jerrold Electronics Corp.
JET	Jetronix
JFD	JFD Research-Development Laboratories
JHS	J&H Smith Mfg., Co.
JHU	Johns Hopkins University
JNL	Janel Labs
JNN	Johnson Associates
JOH	Johnson E.F.
JRC	Japan Radio Co.
JRD	RAYJ
JRL	Japan Remote Control Company, Ltd.
JRS	Joes Radio Shop
JSB	J.S. Betts Co.
JVC	JVC Corp.
KAL	K and L Microwave Inc., A Dover Tech Co.
KAM	Kaman Electronic Systems Division
KAR	Kaar Engineering
KAT	Kathrein, Inc.
KAV	Kavouras, Inc.
KAW	Kawasaki Industries
KDC	Kyoritsu Dempa Co.
KDK	KDK Inc.
KEA	Kearfott Engineering Corp. USA
KEB	Kebby Microwave Corp.
KEC	KEL Corp.
KED	Kenwood
KEI	Keith Anderson Co. or Keith V. Anderson
KEL	Kelvin Hughes, Ltd.
KEN	Kennedy Co.
KEY	Key Systems, Inc.
KFE	K-F Electronics
KIE	Kinn Electronics Corp.
KIG	Kingfisher
KIL	Kilgore Corp.
KIM	Kimball Products Co.
KIN	King Radio Corp.
KIS	Kings Electronics Co.
KKC	Kobe Kogyo Corp.
KLM	KLM Communications
KMC	Kinemetrics
KMU	Kalmus
KNI	Knight Electronics Corp.
KOE	Konigsberg Electronics, Inc.
KOK	Kokusai Electric Co.
KOL	Kollsman Instrument Corp.
KOR	KOR Electronics, Inc.
KOV	Kongsberg Vapenfabrikk
KRA	Kraft Systems
KRD	Korad Corp.
KRE	Kreco Co.
KRI	Kris Inc.
KRL	Kahn Research Laboratories
KTI	Keltec Industries
KUB	Kubota Kisho Shokki Co.
KUS	Kustom Signal Corp.
KUX	Kustom Electronics Inc.

KVH	KVH Industries, Inc.
KYD	Kyokuto Denshi
LAA	Los Alamos Technical Associates, Inc.
LAB	La Barge, Inc.
LAF	Lafayette Radio or Lafayette Radio & Electronics
LAG	LAG Engineering
LAM	LaFayette Micro
LAN	Lance Antenna Corp.
LAP	Lapointe Industries, Inc.
LAR	Largo Electronic Manufacturers Inc.
LAS	Larson Electronics
LAT	Latus D.N. & Co.
LAV	Lavoie Laboratories, Inc.
LCA	Univ. of Lowell Ctr. for Atmospheric Research
LCM	Lecom, Inc.
LCO	Link Communications
LDS	Loral Data Systems
LEA	Lear, Inc.
LEC	Lorain Electronics Corp.
LED	Lucas Ledex
LEE	Lenkurt Electric Company of Canada, Ltd.
LEG	Leigle Instruments, Ltd.
LEI	Leigh Instruments, Ltd. or Leigh Systems
LEN	Lenkurt Electric Co.
LET	Lectrosonics, Inc.
LFC	LFE Electronics Corp.
LFE	Laboratory for Electronics, Inc.
LGD	L'Garde
LIB	Librascope
LIG	Lightcraft Avionics
LII	Litton Industries
LIL	Lincoln Laboratory
LIN	Ling Systems, Inc.
LIR	Linkradio or Litton Educational Technical Div. or Gonset Division of Layco, Inc.
LIT	Litton Systems, Ltd.
LIV	Livermore Data Systems
LKW	Linkavit Wireless, Inc.
LLC	Laset Link Corp.
LLE	L.L. Electronics
LLL	Lawrence Livermore Laboratory
LMB	Lambda RF Systems
LNN	Linear Corp.
LNR	LNR Communications, Inc.
LOA	Los Alamos National Laboratories
LOC	Lockheed Electronics
LOE	Loral Electronics Corp.
LOG	Logimetrics, Inc.
LOK	Lotek
LOM	Lockheed Martin Astro Space
LOR	Lorrain County Radio Corp.
LOS	Lockheed Sanders, Inc.
LOT	Lotran, Inc.
LPB	Low Power Broadcast Co.
LPE	Lambda Pacific Engineering
LRE	Lorenz
LSB	Lear Siegler/Bogen
LSC	L-3 Space Communications
LSI	Linear Systems, Inc.
LTS	LTV Aerospace Defense Co. (Sierra Research Division)
LTV	Ling Temco Vaught, Inc.
LUC	Lucos Air Space
LUE	Lunar
LUG	Laguna Industry
LXE	LXE, Inc.
LYN	Lynch Communications Systems, Inc.
MAA	Maxar
MAB	M/A Comm AC, Inc.
MAC	Marconi Instruments, Division of English Electronics
MAD	Midwest Audio Corp. or Madigan Corp.
MAE	Marine-Air Systems, Ltd.
MAF	MAFCO
MAG	Magnavox Co.
MAH	Martch Co.
MAI	MAICO Hearing Instruments or Mattel, Inc.
MAJ	Majestic Radio-Television Co.
MAK	Mark IV Industries, Ltd.
MAL	Marelli Lenkurt Electric
MAM	M/A COMM MAC
MAN	Manson Laboratories, Inc.
MAR	Mark Products Co.
MAS	Mid American Relay Systems
MAT	Matsushita Electric Corp.
MAX	Maxson Electronics Corp. (Electronics Design)
MAY	Marine Technical Division of Dayton Aircraft
MBA	MB Associates
MBC	Meteor Communications Consultants, Inc. MBE Marcel Bassaulet Electronics
MBI	MIL 3, Inc.
MBK	Mobile Mark Antenna
MBR	Malibu Research
MCA	Micro-Avionics
MCC	Microcom Corp.
MCD	McDonnell Aircraft Corp.
MCE	Micro Electronics
MCF	Microflect
MCH	Mitchell Camera Corp.
MCI	Marconi Radio
MCJ	Marconi Electronics
MCL	Microwave Cavity Laboratory
MCM	McMartin Industries, Inc.
MCO	Micro Communications Co.
MCS	Micronetics
MCT	Micro Control Specialities
MDC	Microdyne Corp.
MDD	McDonnell-Douglas Corp.
MDI	MDM, Inc.
MDM	Microwave Design Manufacturing, Inc.
MDS	Metrodata Systems
MDT	MDTT, Inc.
MDY	Microwave Data System
MEC	Mechanical Product, Inc.

MEE Metric Engineering
MEI Meisei Denki Co.
MEJ Micro Electronics, Inc.
MEL Maryland Electronics Corp.
MEM Munston Electronic Manufacturing Co.
MEN Mentor Radio Co.
MER Metron Instrument Co.
MET Metrotek Electronics Co.
MFT Milliflect, Inc.
MFX Morfax, Ltd.
MGC Magellan Corp.
MGI Megapulse, Inc.
MGN Magnetic AB (Sweden)
MGS Megastar
MGW Montgomery Ward
MHR Minneapolis Honeywell Regulator
MIA Missawa
MIB Mitsubishi Denki Co. or Mitsubishi Electric
MIC Microdot, Inc.
MID Microfix Instruments, Ltd.
MIE Mitre Corp.
MIF Micromega, Divn of Bunker-Ramo Corp.
MIL Micro-Linke Corp.
MIM Marconi International Marine Co.
MIN Midland Intlr. Corp.
MIR Mirage System
MIS Mission Engineering Corp.
MIT Minatronics Corp.
MIV Microvision
MIW Microwave Associates, Inc.
MIZ Mitchell Industries, Inc.
MKY Mackay Radio-Telegraph Co.
MLA Malabs
MLF Microlab/FXR, Inc.
MLR R. A. Miller Industries
MMA Martin Marietta Air Space
MME Model Engineering and Manufacturing Corp.
MML Micromil Electronics, Ltd.
MMM Master Mobile Mounts, Inc.
MMR Mobile Marine Radio
MMS Matra-Marconi Space
MMT Millimeter Wave Technology
MNC Montronics, Inc.
MNI Microwave Network, Inc.
MNP Machinostroenie N.P.O.
MNT Montec (Divn of E-Systems)
MOA Mosely Associates, Inc.
MOB Mal Mobley
MOC Model Rectifier Co.
MOD Modar Electronics
MOE Monaco Enterprises, Inc.
MOF Mosely Associates, Inc.
MOL Mobilet Corp.
MON Monitor Electronics
MOO Moog Industrial Control Corp.
MOR Morad Electronics Corp.
MOS Mosely Electronics Co.
MOT Motorola Corp.
MOX Mobile Communications
MOY Monsant Co.
MPC Multi-Products Co.
MPD Microwave Power Devices, Inc.
MPH MPH Industries, Inc.
MPI Microwave Products, Inc.
MPN Multipoint Network
MPR Melpar, Inc.
MRA Miller RA
MRC Midwest Radio Corp.
MRE Monicor Electronics
MRI Micro Radionics, Inc.
MRM Morrow Radio Manufacturing Co.
MRN Mariner
MRR Marti
MRS Micro Systems, Inc.
MRT Marti Electronics
MRW Microwave Resources, Inc.
MRX Mitrex
MRZ Marantz
MSA Massa Products
MSC Microwave Service Co.
MSD Marconi Space and Defense Systems
MSM M2 Antenna Systems Inc
MSP Microwave Speciality Corp.
MSR Mid-State Radio
MSY Meteric Systems Corp.
MTB Micro-Now Instruments Co., Inc.
MTC Micro-Tel Corp.
MTG Mei Technology
MTH Martech, Inc.
MTI Mobile Telesystem, Inc.
MTN Monitron Corp.
MTP Military Technology PTY, Ltd.
MTR Meteor, Communications Corp.
MTS Mobile Telesystems
MTX Marintek
MUE Murphy Electronics Division of Rank Corp.
MUI Multronics, Inc.
MUL Multi-Elmac Co.
MUN Muniquip Co.
MUP Multiplex Services Corp.
MUS Multitech Power Systems/Avionics
MUT Multitone Electronics, Ltd.
MUX Munston Electronics Manufacturing Corp.
MUZ Munston Manufacturing & Service Inc.
MVI M/A-COM Video Systems, Inc.
MWA Microwave Antenna Designs, Inc.
MWB Microwave Bypass Systems
MWC Microwave Control Co.
MWD Microwave Devices, Inc.
MWI Microwave Power, Inc.
MWO Microwave Radio Corp.
MWS Microwave Sensors
MWT Marconi Wireless Telegraph Co., Ltd.
MXI MAXRAD, Inc.
MXL Maxwell Electronic Corp.
MXN Maxon Electronics, Inc.

MXP	Max Planck Institute
MXR	Min X Radio
MZE	M Z Enterprises
NAC	National Co.
NAD	Naval Air Dev. Ctr.
NAH	North American Philips
NAK	Nankai Musen Co.
NAL	NALCO
NAM	Naval Ammo Depot
NAN	Nanayo Electric Co.
NAP	Nevada Air Products Co.
NAR	Narda Microwave Corp.
NAU	Nautel
NAV	Naval Avionics
NAW	Naval Air Warfare Ctr. Weapons Div.
NCF	National Center for Atmospheric Research
NCR	National Cash Register of Canada
NDC	Nihon Denki Co.
NDS	Norand Data Systems, Inc.
NEA	NEC America, Inc.
NEB	NEUTEC
NEC	Nemsclarke
NEI	Nielson Electronics Division
NEJ	NEC (Japan)
NEL	National Electronics Laboratory
NER	Nera
NET	Newtronics, Inc.
NEU	Neulink, Divn of Celltronics
NEW	Newton Co.
NEX	Nextel, Inc.
NGT	National Gateway Telecom, Inc.
NIC	Northwest Instrument Co.
NIE	Nippon Electronic Company Ltd.
NIM	Nihon Musen Co.
NIN	Nissan
NIS	Nissin Electronics, Inc.
NIT	NITECH, Inc.
NMT	New Mexico Tech
NMU	New Mexico State University
NOC	Northrop Corp.
NOD	Norden Division
NOE	Northeastern Engineering Co.
NOK	Novak Electronics
NOR	Northeast Medal Industries
NOS	Naval Oceans System Center
NOT	Naval Ordnance Test Center - China Lake
NOV	Nova-Tech/Avionics or Nova Tech Inc.
NPC	NAPCO Industries
NPS	Naval Post Graduate School
NRA	Northern Radio Co. or Northern Electronic Co.
NRB	NARCO
NRC	National Aeronautic Corp.
NRD	Norand Data System
NRE	Northern Electric Co., Ltd.
NRL	Naval Research Lab
NRN	China North Industries Corp.
NSA	Northstar Electronics, Inc.
NSI	Nady System, Inc.
NSL	Northern Scientific Laboratory
NST	Northstar Technologies
NTD	New Tronics Division
NTL	Northern Telecommunications, Inc.
NUC	Nucomm
NUR	Nurad, Inc.
NUS	Naval Underwater Systems Center
NVC	Navcom Defense Electronics
NVE	Naval Engineering Center
NWC	Naval Weapons Center
NYT	N.Y. Technical Institute of Cincinnati
OAI	Oklahoma Aerotronics, Inc.
OAO	OAO Corp.
OAR	Ocean Applied Research Corp.
OCT	Octagon
ODM	Odom
OEC	Osborne Electronics Corp.
OKA	Oklahoma Electronics Co.
OKI	OKI Denki Co. or OKI Electric Industry Company, Ltd.
OLS	Olson Radio Corp.
OME	Omera (France)
OMN	Omnitek
OND	Oneida Electronics
OOS	Odom Offshore Survey
OPD	Odetics Precision Time Division
OPE	Opseis
OPM	Opto-Mechnik
OPS	Opos Electronics
OPT	Optic Electronic Corp.
ORB	Orbit Electronics
ORE	Oremco
OSB	Oregon State Board of Forestry
OSC	Orbital Sciences Corp.
OSH	Oregon State Highway Dept.
OSU	Oklahoma State University
OTR	Outer Communication Co.
OTX	Omni-Tronix
OUT	Ourercom Electronics Corp.
OZD	Ozalid Division
PAA	Pan American Airways
PAC	Piper Aircraft Corp. (Electronics Division)
PAD	Pacific Advanced Engineering, Inc.
PAE	Park Aire Electronics
PAI	Pacific Aerosystem, Inc.
PAK	Packard Bell Electronics Corp.
PAL	Palmer, B. Co.
PAN	Panronics Corp.
PAR	Parsons Electronics
PAT	Patterson H. J.
PAU	Pauldon
PAV	PAVCO
PAZ	Parzen Research, Inc.
PBI	Pickard-Burns, Inc.

PBR	Pro Brand International
PCC	Pace Communications Corp.
PCE	Page Communications Engineers, Inc.
PCL	PC Electronics
PCM	Pacific Communications
PCO	Procom Corp.
PCR	Pacific Crest Corp.
PCS	Proportional Control Systems
PEA	Pearce Simpson, Inc.
PED	Practical Engineering & Development Corp.
PEG	Peninsula Engineering Corp.
PEI	Pacific Engineering, Inc.
PER	Perkin Elmer, Inc.
PFE	Professional Electronics
PFI	Pfitzner, Heinz
PFR	Perfection
PGE	P.G. Electronics
PHA	Phase IV Systems, Inc.
PHC	Philco Corporation of Canada, Ltd.
PHD	Phelps Dodge
PHI	Philco Corp.
PHL	Philips Gloeilampene Abreiken (Neth) or Philips Broadcast Equipment Corp.
PHM	Philmore Manufacturing Co.
PIA	Pinson Associates, Inc.
PIC	P-I-C Communications, Inc.
PIE	Piezo, Ltd.
PIS	Picattiny Arsenal
PLC	Plectron Corp.
PLE	Plessey Company, Ltd. (UK)
PLP	Phillips Audio Visual Corp.
PLR	Polestar
PMC	Patterson Manufacturing Company, Inc.
PMR	Pacific Missile Range Co.
PMT	Pacific Missile Test Center
PMW	Premier Microwave Corp.
PNH	PNH Electronics Co.
PNL	Pacific Northwest Labs
POC	Port-Com
POE	Pointer Electronics
POL	Polarad Electronics Corp.
POM	Pomije Electronics Co. or Palomar Instrument Co.
POV	Port-O-Vox Corp.
POX	Polytronics Communications or Pro-Line Electronics
POY	Polytronics Laboratories, Inc.
PRE	Premax Products Division
PRI	Polytronics Research, Inc.
PRL	Polar Research Lab.
PRN	Parsons, Ralph M. Co.
PRO	Prodelin, Inc.
PRS	Parisi Antennas
PRT	Pritchard Brown
PRX	Proxim
PSC	Paramax Systems Corp.
PSI	Public Systems, Inc.
PSL	Physical Science Lab
PST	Power Systems Technology, Inc.
PTA	Polytechnica
PTI	Protection Technology, Inc.
PTL	TADS Development Labs, Inc.
PUL	Pulse Engineering, Inc.
PWI	Pacific World Industries
PYA	Pye Corporation of America
PYC	Pye Communications
PYE	Pyle Telecommunications, Ltd. (UK)
QEI	QEI Corp.
QEL	Quest Electronics
QEN	Quadrant Engineering, Inc.
QSC	Quanta System Corp.
QUA	Qualimetrics Corp.
QUC	QALCOMM
QUE	QUE Enterprises, Inc.
QUI	Quintron Corp.
QUT	QUALI-TRON
RAA	Rad-O-Lite
RAB	RF Sound, Ltd.
RAC	Racal Communications, Ltd.
RAD	Radiation, Inc.
RAE	Racal Electronics, Ltd.
RAF	R&D Assoc. Electronics Navigation Industries, Inc.
RAG	Radian Corp.
RAI	Racal Instruments, Ltd.
RAJ	Ray Jefferson Co.
RAN	Rantec Corp.
RAP	Radio Plane Co.
RAS	Radio Shack
RAT	Ratelco, Inc.
RAU	Raulond-Borge Corp.
RAY	Raytheon Co. or Raytheon Manufacturing Co.
RCA	Radio Corporation of America
RCE	Radio Communications Equipment Engineering, Ltd. (Canada)
RCI	Richmond Communications, Inc.
RCM	RC Manufacturing Co.
RCN	Racon, Inc.
RCP	S&O RC Products
RCV	RCA Victor Company, Ltd.
RDA	Radair, Inc.
RDB	Radio Specialists Co.
RDC	Rome Air Development Center
RDM	Radio Marine Corp.
RDN	Raydyne, Inc.
RDS	Radio Specialty Co.
REA	Realtons Electronics, Inc.
REB	Remcon
REC	Reach Electronics Corp.
RED	Redifon, Ltd.
REE	Reaction Instruments, Inc.
REF	Republic Electronics Films, Inc.
REG	Ross Engineering
REI	Regency Electronics, Inc.
REL	Radio Electronics Laboratories
REM	Remler Company, Ltd.

REN	Radio Engineering Laboratories
REO	Remtron
REP	Repco, Inc. or R.G.P. Co.
RES	Resdel Engineering Corp.
RET	Resonant Electronics
REU	Ridge Electronics Corp.
REV	Reeves Instrument Corp.
REX	Rex Bassett, Inc.
REZ	Relco
RFA	RF Solutions
RFC	RF Communications Associates, Inc.
RFE	Rafael
RFH	RF Harris Electronics
RFI	Radio Frequency Communications, Inc.
RFT	R. F. Technology
RGC	Ranger Communications
RHG	RHG Electronics Laboratories
RHU	Radio Holland Group
RIA	Reaction Institute, Inc.
RIE	Rockwell International Electronics
RII	Radio Industries, Inc.
RIT	Ritcon, Inc.
RIZ	Rel, Inc.
RJG	R. J. Gumm Co.
RLC	Realistic Co.
RMC	Relm Communications, Inc.
RMI	Racal Decca Marine, Inc.
RML	Research in Motion, Ltd.
RMT	Remotec, Inc.
RNS	Radionics
ROB	Robinson Electronics
ROC	Recon Optical, Inc.
ROD	Rodelco
ROE	Robinson Engineering Co.
ROL	Royal Exec
ROM	Radio Specialties Mfg. Co.
ROS	Rohde Schwarz
ROT	Rothenbuhler Engineering
ROW	Rowe Industries
ROX	Roxy Ofuna Electronics
ROY	Royal Electronics Corp.
RQM	Racon, Inc. Quality Microwave
RRC	Radio Receptor Co.
RRH	Richard R. Hayes
RRI	Radio Research Instrument Co.
RSE	RS Electronics Corp.
RSI	Radio Systems, Inc.
RSL	Resalab, Inc.
RSM	Radio Specialty Manufacturing
RSS	RS Systems, Inc.
RST	Robertson-Shipmate
RTK	REFTEK
RTL	Radio Tel, Ltd.
RTN	Randtron Systems
RTR	Ritron, Inc.
RUS	Rust Corp of America
RWC	Rockwell, Collins
RYA	Ryan Aeronautical Co.
RYC	Railway Communication, Inc.
RYU	Ryukyu Tsushinki Kogyo Co.
SAA	Safe Environmental Engineering
SAB	SAAB
SAC	Sabre Communications Corp.
SAD	Sandia Corp.
SAF	Safe Link Corp.
SAG	Sage Laboratories
SAI	Springer Aircraft Radio Corp.
SAL	Salco Manufacturing Co.
SAM	Sampson Co.
SAN	Sanders Associates, Inc.
SAP	SA Philips Pty., Ltd.
SAQ	Sexant Anionique
SAR	Stoddard Aircraft Radio Co.
SAS	Sigmas Antenna Systems
SAT	Sarkes Tarzian, Inc.
SAV	Space Avionics, Inc.
SBA	Sideband Associates, Inc.
SBE	Seaboard Electronics
SBR	Santa Barbara Research Ctr.
SBT	Sideband Technology, Inc.
SCA	Scala Radio Corp.
SCC	Secode Corp.
SCG	Satcon GMBH
SCH	Schuttig Atlantic
SCI	Scientific Atlanta Co.
SCM	SCM Melabs, Inc.
SCN	Scientific Communications
SCO	Scope, Inc.
SCR	Steinbrecher Corporation
SCT	Science Applications International Technology, Inc.
SCX	Scintrex, Ltd.
SCY	Specialized Control Systems
SDC	Space Data Corp.
SDI	Safety Devices, Inc.
SDX	Serdex Corp.
SEA	Sears Roebuck Co.
SEB	Sea Tel, Inc.
SEC	Struthers Electronics Corp.
SEE	San Endiron General
SEG	Solartron Electronics Group, Ltd.
SEI	Seiscor Manufacturing Co.
SEK	Seiki Electronics, Inc.
SEL	Selenia S.P.A. (Italy)
SEM	Seatron, Inc.
SEN	Sennheiser Electronic Corp.
SEO	SEMCO
SEP	Seaphone, Inc.
SER	Servo Corp. of America
SES	Seismograph Service Corp.
SET	Setchell Carlson, Inc.
SEV	Seavey Engineering Corp.
SEX	Sentrax Perimeter Protection System
SFC	Safecom (Radionics)
SFI	Stanford Telecommunications, Inc.

SGC	Sperry Gyroscope Company of Canada, Ltd.
SGE	Strong Electronics
SGK	Singer Kearfott Co.
SGR	General Precision Laboratory, Inc.
SHA	Shakespeare
SHD	Shadow Technology
SHI	Shiba Electric Co.
SHK	Shank Communication Co.
SHP	Shart Corp.
SHU	Shure Brothers, Inc.
SIA	Stephens Engineering Associates, Inc.
SIC	SRI International
SID	Sierra Digital
SIE	Sierra Electronic Division of Philco
SIG	Signal Communications
SIH	Siemens-Halske
SIL	Spilsbury & Tindall
SIM	Simpson Electronics
SIN	Spectrum Communications, Inc.
SIP	Sippian Ocean Systems
SIR	Sitra
SIS	Sercel Industries Corp.
SIT	SITCO
SKD	Skydata, Inc.
SKL	Spencer Kennedy Laboratories
SKM	Skipper Marine Electronic
SKN	Skanti
SKV	Skyvision
SKX	Skyphone Division
SKY	Skycrafters, Inc.
SLI	Scanwell Laboratories, Inc.
SLL	Shell Development Co.
SLM	Spacelabs Medical
SLR	Sinclair Radio Laboratories
SLT	Satellite Transmission Systems, Inc.
SMC	Southern Marine Corporation
SMD	South Midlands Communications, Ltd.
SME	Smithroot Electronics
SMG	Symbol Technology, Inc.
SMI	Smiths Industries, Inc.
SML	Space Microwave Lab.
SMO	Sierra Misco
SMR	Southern Marine Research, Inc.
SMT	Samson Technologies Corp.
SMW	Southern California Microwave
SNC	Sierra Nevada Corp.
SNE	Senses International
SNF	Sarnoff David Research Center
SNI	Sea Marine International
SNK	Sonik Technologies, Inc.
SNL	Sentinel
SNS	Senstar Corp.
SNT	Santec
SOA	Southern Avionics
SOE	Sonex, Inc.
SOI	Solid State Technology
SOL	Soladyne International, Inc.
SON	Sonar Radio Corp.
SOS	Space Ordinance Systems
SOU	Sound-Craft Systems, Inc.
SOY	Sony
SOZ	Southcom International, Inc.
SPA	Spar Aerospace, Ltd.
SPB	System Planning Co.
SPC	Space Technical Laboratories
SPD	Sperry Corp.
SPE	Space Electronics
SPF	SPC Technology, Divn. of Remier Industries
SPG	Space General
SPI	Specific Products, Inc.
SPK	Spike Technologies, Inc.
SPL	Spectrolab,Inc.
SPM	Spectra Physics Co.
SPN	Sparton Electronics
SPP	Simmonds Precision Products, Inc.
SPQ	Spears Associates
SPR	Sperry Corp. or Servo Corporation of America
SPS	Spectra-Physics
SPT	Sparta Electronic Corp.
SPW	Sperry Piedmont Co.
SPX	Specifics Co.
SPY	Sperry Gyroscope Company, Inc.
SPZ	Sperry Marine Systems
SQA	Square D Co.
SQU	Squires Sanders, Inc.
SRA	Smythe Research Associates
SRC	Sierra Research Corp.
SRD	Standard Radio and Telefon ABITT
SRE	Sprengnether Equipment Co.
SRI	Skyway Radio, Inc.
SRL	Scott EH Radio Laboratories, Inc.
SRM	Sierra Monolithics, Inc.
SRR	Sperry Flight Systems
SRS	Scientific Radio Systems, Inc.
SRT	SR Telecom, Inc.
SRV	Serv-Air, Inc.
SSC	States Steamship Co.
SSG	Samsung Electronics, Ltd.
SSI	Surface System, Inc.
SSN	Sensis Corp.
SSR	Sensor Systems
SSY	Stellar System
STA	Standard Electronics
STB	Standard Communications
STC	Standard Telephones-Cables, Ltd.
STD	Standard Electrik Lorenz
STE	Stephenson
STF	Stanley Electronics Co.
STG	Stoner-Goral Communications Co.
STH	Sintra-Thomson
STI	Stailes, Inc. or Star Lifeline, Ltd.
STJ	Sanford Telecommunications Institute, Inc.
STL	Sterling Precision Corp.
STM	ST Microwave
STN	Stoner Electronics
STO	Storno Radio Co.

STP	Serve-Tek Products, Inc.
STQ	Stanford Research Institute
STR	Stromberg Carlson Products Co.
STS	Standard Electrica S.A.
STU	Strand Engineering Co.
STV	ST Research Corp.
STW	Stewart Warner Corporation of Canada, Ltd. STX SI-Tex Marine Electronics, Inc.
SUC	Sun Chemical Corp.
SUM	Summers & Mills
SUN	Sunair Electronics, Inc.
SUR	Sur-Tec, Inc.
SUT	Sutron Co.
SVI	Savi-Technology, Inc.
SVR	Svenska Radio
SWA	Swan Electronic Corp.
SWI	Swintek Cordless Microphone Co.
SWM	Southwest Microwave Co., Inc.
SWN	Southwestern
SWR	Southwest Research Institute
SYA	Syracuse Research Corp.
SYC	Syscon Corporation
SYD	Systems Dynamics
SYE	Systems Engineering & Management Corporation
SYL	Sylvania Electronics Defense Laboratory or Sylvania Electronics Products
SYM	Symetrics Engineering Corp.
SYN	Synergetics
SYR	Systems Research Laboratories, Inc.
SYS	Systron Donner Corp (Demornay Bonardi)
SYX	Syndetix
TAC	Technical Appliance Corp.
TAD	TAD-American Corp.
TAE	Tait Electronics, Ltd.
TAI	Taiyo Musen Co.
TAM	Tamer Electronics, Inc.
TAN	Technical Associates of New Orleans
TAO	Taco, Inc.
TAP	Technology Applications
TAS	Tasker or Tasker Industries
TAT	Thrane & Thrane
TAY	Taylor Electrical Instrument, Ltd.
TBL	Trimble Navigation
TBN	Tayburn
TCC	Telcom Communications
TCD	Techdyn Systems Corp.
TCE	Telecommunications Corp.
TCH	Techcomm
TCI	Tel Com Industries
TCL	Trio Communications, Ltd.
TCM	TCOM Industries, Inc.
TCN	Technos International Corp.
TCO	Temco Aerosystems
TCP	Tecom
TCQ	Techtest Lmt.
TCT	Transcidtronic
TDA	Tridea Electric Corp.
TDC	Teledyne T/M Co.
TDE	Teledyne Ryan Electronics
TDI	TeleDesign
TDL	Tidelands
TDS	TDS Electronics Company, Ltd.
TDT	Teludisc, Inc.
TDY	Tele-Dynamics
TEA	Tek-Aid, Inc.
TEB	Telco
TEC	Telviso Electronics
TED	Teldex
TEE	Teaberry Electronics Corp.
TEG	Telautograph Corp.
TEH	Telechrome
TEI	Texas Instrument, Inc.
TEJ	Telephone Engineering Corp.
TEK	Te-Ka-De Co.
TEL	Telrex Laboratories
TEM	Telemet Co.
TEN	Teletronix Engineering Co.
TEO	Telemotive
TEP	Tepco Corp.
TEQ	Tenna Corp.
TER	Terra-Com
TES	Technisonic Industries
TEX	Textran Division
TFC	Technology for Communications, International
TFD	Telludift
TFT	Time & Frequency Tech., Inc.
THC	Thomson CSF
THE	Thorn EMI Electronics, Inc.
THI	Thiokol Chemical Corp.
THL	Technical Electronics Co.
THN	Thorn Microwave Devices
THO	Thomas Mold-Die Co.
THY	Technology Service Corp.
TIA	Television Technology Corp.
TIE	Tel Instrument Electronics
TII	Teledyne Industries, Inc.
TIL	Transcript International
TIN	Telinstrument Co.
TIS	Tadiran Israel Industries, Ltd.
TIV	Trivec-Avent
TKA	Tokai Communication Corp.
TKC	Trio-Kenwood Communications
TKK	Tekk, Inc.
TKL	Teklogix, Inc.
TKM	TEK Mark Company
TKS	Tokyo Keiki Co.
TLA	Telonica Corp.
TLC	TRT Groupe
TLE	Telemus Electronics Systems, Inc.
TLF	Telefunken Gmbh.
TLK	Telkoor
TLM	Telemobile, Inc.
TLP	Telephonic Corp.
TLR	Telline Radio
TLS	Tele-Signal Corp.

TLX	Telex Co.
TMC	Technical Materiel Corp.
TMD	TMC Systems & Power Corp. or Telemotive Division of Dynascan
TME	Temec Corp.
TML	TMC, Ltd.
TMP	TOMOCO Electronics PYT LTD
TMR	Terma Elektronik
TNS	Telonics
TOA	Townsend Associates
TOH	Thomson-Houston (France)
TOK	Tokyo Shibaura Electronics Co.
TOM	Tomcor
TOP	Topp Manufacturing Co.
TOS	Toshiba Co.
TOY	Toyocon
TPI	TEK Products, Inc.
TPL	Technology Proprietary, Ltd.
TRA	Transco Products, Inc.
TRB	Trans World Communications, Inc.
TRC	Technical Radio Corp.
TRD	Traid Corp.
TRE	Transmitter Equipment Manufacturing Co.
TRF	TRF Company
TRI	Tracor, Inc.
TRL	Trilectric Co.
TRM	Tram/Diamond Corp.
TRN	Tran-Com
TRO	Telurometer Corp.
TRP	Tri-Com, Inc.
TRQ	Transformation Techniques, Inc.
TRR	Transworld
TRS	Tran-Crypt
TRT	Trans Texas
TRU	Truetime
TRV	Jefferson Travis
TRW	TRW Electronics
TRY	Trylon, Inc.
TRZ	Travelers Information Services, Inc.
TSA	Technical Systems Associates
TSB	Transcience
TSC	Teledyne Systems Co.
TSD	Technical Systems Division
TSE	Technical Science
TSI	Tactical Systems, Inc.
TSS	Telesystems, Inc.
TSY	Telemetry Systems, Inc.
TTC	Titian Corp.
TTI	Television Transmission, Inc.
TTK	Tron-Tek, Inc.
TTN	Titan Severe Environment Systems
TTQ	Transformation Techniques, Inc.
TTS	Telesciences Transmission System, Inc.
TTT	Tactical Technology, Inc.
TTX	Teltrol Corp.
TUL	Tull Aviation Corp.
TUR	Turner Aircraft Radio, Inc.
TXA	Textron Defense Systems
TXC	Telxon Corporation
TXS	Texscan Instruments
TYC	Tycho-Tech
UAF	USN Avionics Facility
UDE	University of Denver
UDN	Uniden
UEC	U.S. Army Electronics Command
UED	United Electro Dynamics, Inc.
UFI	Uniten/Force, Inc.
UIL	University of Illinois
UMI	University of Miami
UNA	Universal Navigation Corporation
UNC	United States Navguide Corp.
UNI	Univac Corp.
UNM	Unimetrics, Inc.
UNN	Unicom
UNS	Unisys Corp.
UNT	United Telecontrol
USE	Use Corporation
USL	United Scientific Laboratory
USM	U.S. Metal Products Co.
UTC	Utilicom, Inc.
UTE	Unitec
UTI	Utica Communications
UTL	UTL Corp.
VAI	Vaisala
VAL	Valcom, Ltd.
VAN	Van Norman Industries, Inc.
VAR	Varian Associates
VAT	Viatec
VDC	Video Consultants
VEC	Vector Manufacture Co.
VEG	Vega Electronics Corp.
VEN	Ventron Electronics Corp.
VEP	Visual Electronics Corp.
VER	Versa-Count
VEX	Vertex Communications Corp.
VFR	Valley Forge Research Center
VHF	VHF Engineering Co.
VIA	Victoreen Instrument Co.
VIC	Victor RF-Microwave Co.
VID	Vidor Scientific, Inc.
VIF	Verifone, Inc.
VIL	Vitel
VIN	Vicon Industries, Inc.
VIS	Visual Manufacturing Division
VIT	Vitro Electronics
VIX	Vista Manufacturing Co.
VIZ	VIZ Corp.
VMI	Video Methods, Inc.
VNG	Vanguard Med Products Co.
VOC	Vocaline Company of America
VOU	Vought Corp.
VRD	Varda Company
VRO	Varo, Inc.

VSC	Ventana Sciences, Inc.
VSI	Viable Systems, Inc.
VST	Viasat Techologies Co.
VTC	Vectran Corp.
VUA	Vector Division of United Aircraft
WAA	Washington Aluminum Co.
WAB	Westinghouse Air Brake Co.
WAD	Waddell Dynamics
WAE	Waveband Electronics
WAG	Waveguide
WAL	Walco Electronic Co.
WAS	Washington State Patrol
WAT	Washington Technological Assn., Inc
WAV	Wavetek
WBA	West Bend Autotronics, Inc.
WBI	Wyoming Biotelemetry, Inc.
WBL	Weibel Scientific, Inc.
WCI	Webcor, Inc.
WDC	Westin Data Comms
WEB	Webster Manufacturing Co.
WEC	Western Electric Company, Inc.
WED	Winston Electronics Division
WEI	Ward Electronic Industries
WEL	Well Sentry, Inc.
WEM	Wems, Inc.
WES	Westinghouse Electric Co.
WET	Weight-Tronics
WEU	Western Union Telegraph Co. or Western Union
WGC	Webster Green Co.
WGT	Wandel and Golterman
WHE	Whelen
WHI	White J.L. Co.
WHM	Whistler Marine, Inc.
WHT	Whittaker Corp.
WIC	Wicks Industries
WIG	Wilcox Gay Corp.
WIH	Wightman Electronics, Inc.
WIK	Wilkinson Electronics, Inc.
WIL	Wilcox Electric Corp.
WIN	Wind Data
WIT	Winnet, Inc.
WJO	Watkins Johnson Co.
WLC	Wilson Electronic Corp.
WMC	Weather Measure Corp.
WMI	Wescom Microwave, Inc.
WMN	Wildlife Materials, Inc.
WMX	Western Multiplex Corporation
WOD	Wood and Douglas
WOE	World Engines
WOL	World Radio, Ltd.
WOO	Wood-IVY Systems, Inc.
WOR	Workshop Associates
WRC	Western Radio Communications Corp.
WRL	World Radio Laboratories
WSD	W.S. Deans Co.
WSI	Wireless Sound, Inc.
WSM	Western Space and Marine
WST	Westrex Corp.(Division Litton Systems)
WTB	West Bend
WTC	Wind Turbine Co.
WTI	Wireless Technology, Inc.
WUL	Wulfsberg Electronics
WVT	Wavetronics, Inc.
WYM	Wyman Research, Inc.
XRX	Xerox Corp., Electro Optical Systems
XTR	Xetron Corp.
YDI	Yarnell Data, Inc.
YEA	Yaesu
ZEL	Zellweger Telecommunications
ZEN	Zenith Radio Corp.
ZEP	Zephyrus
ZET	Zeta Laboratories

(Last page in Annex G)