# Annex G

**Abbreviations**

## G.1 AGENCY, BUREAU, AND OTHER ORGANIZATIONAL ABBREVIATIONS

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

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<tr>
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<td>IRS Criminal Investigations Division (IRS-CID)</td>
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<td>Internal Revenue Service (IRS) Facilities</td>
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<td>Integrated Wireless Network</td>
<td>IWN</td>
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<td>US Mint</td>
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<td>Troubled Asset Relief Program</td>
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<td>Veterans Health Administration</td>
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G.1.1 Other Organizational Abbreviations

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

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<tr>
<td>NG</td>
<td>NON-GOVERNMENT</td>
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<tr>
<td>NGR</td>
<td>NON-GOVERNMENT RECORDS (70/80/90 GHz)</td>
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<td>REPUBLIC OF THE MARSHALL ISLANDS</td>
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G.2 GEOGRAPHICAL ABBREVIATIONS

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

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

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<td>North Carolina</td>
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G.2.2 U.S. Territories and Possessions

Caribbean Area

- Navassa Island
- Commonwealth of Puerto Rico (including Culebra, Mona, and Vieques)
- Quita Sueno Bank
- Roncador Bank (Roncador Cay)
- Serrana Bank (North Cay, Southwest Cay, Northwest Rocks, Dry Ledge)
- Serranilla Bank (West Breaker, Beacon Cay)

VI Virgin Islands (St. Croix, St. John, St. Thomas)

Pacific Area

- Baker Island
- Guam
- Howland Island
- Jarvis Island
- Johnston Island (including Sand Island)
- Kingman Reef

MDW Midway (Includes Eastern and Sand Islands)
MRA (except Guam) Commonwealth of Northern Mariana Islands (Formerly Ladrone Islands)
Agrihan, Aguijan, Alamagan, Anatahan, Asuncion, Guguan, Maug, Medinilla,
G.2.4 **Country Abbreviations**

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<td>Afghanistan (Islamic State of)</td>
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<td>AFS</td>
<td>South Africa (Republic of)</td>
</tr>
<tr>
<td>AGL</td>
<td>Angola (Republic of)</td>
</tr>
<tr>
<td>ALB</td>
<td>Albania (Republic of)</td>
</tr>
<tr>
<td>ALG</td>
<td>Algeria (People's Democratic Republic of)</td>
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<td>ALS</td>
<td>Alaska (not for use in GMF; for ITU use only)</td>
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<td>AMS</td>
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<td>AND</td>
<td>Andorra (Principality of)</td>
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<td>Western Sahara</td>
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**G.2.3 Area and Other Abbreviations**

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G.2.4, G-12, January 2021 Edition

XXXX See Section 9.8.2, paragraph 21.b
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<td>Togolese Republic</td>
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<td>THA</td>
<td>Thailand</td>
</tr>
<tr>
<td>TKL</td>
<td>Tokelau Islands</td>
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<td>Tajikistan (Republic of)</td>
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<tr>
<td>TKM</td>
<td>Turkmenistan</td>
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<tr>
<td>TLS</td>
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</tr>
<tr>
<td>TON</td>
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<td>TRC</td>
<td>Tristan da Cunha</td>
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<td>TRD</td>
<td>Trinidad and Tobago</td>
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<tr>
<td>TUN</td>
<td>Tunisia</td>
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<td>TUR</td>
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<td>TUV</td>
<td>Tuvalu</td>
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<td>UAE</td>
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<td>UGA</td>
<td>Uganda (Republic of)</td>
</tr>
<tr>
<td>UKR</td>
<td>Ukraine</td>
</tr>
<tr>
<td>URG</td>
<td>Uruguay (Eastern Republic of)</td>
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<tr>
<td>USA</td>
<td>The 48 contiguous States of the United States of America and the District of Columbia (excludes the States of Alaska and Hawaii)</td>
</tr>
<tr>
<td>UZB</td>
<td>Uzbekistan (Republic of)</td>
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<tr>
<td>VCT</td>
<td>St. Vincent and the Grenadines</td>
</tr>
<tr>
<td>VEN</td>
<td>Venezuela (Republic of)</td>
</tr>
<tr>
<td>VIR</td>
<td>United States Virgin Islands (St. Croix, St. John, St. Thomas) (not for use in GMF; for ITU use only)</td>
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<tr>
<td>VRG</td>
<td>British Virgin Islands</td>
</tr>
<tr>
<td>VTN</td>
<td>Vietnam (Socialist Republic of)</td>
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<tr>
<td>VUT</td>
<td>Vanuatu (Republic of)</td>
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<tr>
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<td>WAL</td>
<td>Wallis and Futuna Islands</td>
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<td>Yemen (Republic of)</td>
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<td>ZWE</td>
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G.3 AREAS, DIVISIONS, AND DISTRICTS WITHIN THE CONTERMINOUS UNITED STATES

This section of Annex G contains descriptions and/or maps of certain areas, divisions and districts within the Conterminous U.S., which appear in the GMF. (The FEMA & U.S. Coast Guard maps are an exception as they show overseas areas.)

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

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

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

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

Atlantic Area 1st, 5th, 7th, 8th and 9th Districts.
Pacific Area 11th, 13th, 14th and 17th Districts.
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; the Panama Canal Zone; 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) and the Virgin Islands (St. Croix, St. John, St. Thomas), District 7 includes the islands of Navassa Island; the U.S. Naval Reservations in the islands of the West Indies and on the north coast of South America; and the ocean areas that are encompassed by a line bearing 122 degrees True from coastal end of the Fifth and Seventh Coast Guard District land boundary of the National Maritime Search and Rescue Region; thence along the eastern and the offshore boundary between the Seventh and Eighth Coast Guard Districts that is defined as a line that extends 199 degrees True from the coastal end of the Seventh and Eight Coast Guard District land boundary; thence along this line to the coast.
8th District Wyoming, Colorado, New Mexico, Texas, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Arkansas, Louisiana, Mississippi, Alabama, Missouri, Iowa, West Virginia, Kentucky, Tennessee, and; Pennsylvania south of latitude 41° N and west of longitude 79° W; those parts of Ohio and Indiana south of latitude 41°N; Illinois, except that part north of latitude 41°N and east of longitude 90°W; Wisconsin south of latitude 46°20' N and west of longitude 90° W; Minnesota south of latitude 46°20'N and that part of Florida and Georgia west of a line from the intersection of the Florida coast with longitude 83°50'W due north to a position 30°15'N 83°50'W; thence due west to a position 30°15'N 84°45'W; thence due north to the intersection with the south shore of Jim Woodruff Reservoir; thence along the east bank of the Jim Woodruff Reservoir and the east bank of the Flint River up stream to Montezuma, Georgia; thence to West Point, Georgia.
9th District Michigan; New York north of latitude 42°N and west of longitude 74°39'W; Pennsylvania north of latitude 41°N and west of longitude 79°W; those parts of Ohio and Indiana north of latitude 41°N; Illinois north of latitude 41°N and east of longitude 90°W; Wisconsin except that part south of latitude 46°20'N and west of longitude 90°W; and Minnesota north of latitude 46°20'N.
11th District California, Nevada, Arizona, and Utah.

14th District: The Fourteenth Coast Guard District, with District office in Honolulu, Hawaii, is comprised of: the State of Hawaii, the Pacific island possessions of the U.S. south of latitude 40 degrees North and west of a line that runs from 40 degrees North, 150 degrees West through latitude 5 degrees South, 110 degrees West; the ocean area west and south of a line that runs from position 51 degrees North, 158 degrees East to position 43 degrees North, 165 degrees East; thence due south to latitude 40 degrees North; thence due east to longitude 150 degrees West; then southeasterly through latitude 5 degrees South, longitude 110 degrees West. Guam, Howland Island, Jarvis Island, Johnston Island (including Sand Island) Kingman Reef, Midway (Includes Eastern and Sand Islands), Commonwealth of Northern Mariana Islands (Formerly Ladrone Islands) (Agrihan, Aguigan, Alamagan, Anatahan, Asuncion, Guguan, Maug, Medinilla, Pagan, Farallon de Pajaros, Rota, Saipan, Sarigan, Tinian and excluding Guam, Palmyra Island (Some 50 islands make up the Atoll of Palmyra), American Samoa (Aunuu, Manua Group [or Islands, i.e., Ofu, Olosega, Tau], Rose Island, Swains Island, Tutuila), Wake Island.

17th District: Alaska.

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

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 Eight: Hawaii, Pacific Area U.S. Territories.

G.3.5 U.S. Army Areas (see Figure 5)

ARA1 - (States of Alabama, Connecticut, Delaware, Florida, Georgia, Kentucky, Maine, Maryland (less certain areas 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 degrees West), Washington, Wyoming).

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

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

Military District of Washington (Headquarters: Washington, DC)-District of Columbia, counties of Arlington, Fairfax (less Fort Belvoir, but including Davison AAF), and City of Alexandria in the state of Virginia, and counties of Montgomery and Prince Georges in the state of Maryland.
White Sands Missile Range, New Mexico-New Mexico, U.S. territory within a 240 kilometer radius of WSMR (includes Fort Bliss, Texas), plus the area of Utah and Colorado that lies between 108° and 111°W.
G.3.7 FAA Regions (no Figure)

G.3.8 The Coordination of Unclassified Frequencies Will be Done Through the FAA Web Portal Located at Https://Webfcr.Faa.Gov (See Annex D). NRC Regions (see Figure 7)


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

Region III-Headquarters at Glen Ellyn, IL, Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, Wisconsin.

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

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

G.3.9 FEMA Regions (see Figure 8)

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

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

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

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

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

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

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

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

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

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

G.3.10 EPA Regions (see Figure 9)


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


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, and Wyoming.

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


G.3.11 GSA Regions (see Figure 10)

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

G.3.12 USAF MARS Regions (see Figure 11)

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<td>IV</td>
<td>II or 2</td>
<td>NJ, NY</td>
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<td>V, VII</td>
<td>III or 3</td>
<td>DE, MD (including DC) PA, VA, WV</td>
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<tr>
<td>South Central</td>
<td>VI</td>
<td>IV or 4</td>
<td>AL, FL (including PR, VI), GA, KY, MS, NC, TN, SC</td>
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<tr>
<td>Northeast</td>
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<td>V or 5</td>
<td>IL, IN, MI, MN, OH, WI</td>
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<td>Southwest</td>
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<td>VI or 6</td>
<td>AR, LA, NM, OK, TX</td>
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<td>VII or 7</td>
<td>IA, KS, MO, NE</td>
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<td>VIII or 8</td>
<td>CO, MT, ND, SD, WY, UT</td>
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<tr>
<td></td>
<td></td>
<td>IX or 9</td>
<td>AZ, CA, NV, HI, GUM and Pacific Islands</td>
</tr>
<tr>
<td></td>
<td></td>
<td>X or 10</td>
<td>AK, ID, OR, WA</td>
</tr>
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</table>
G.3.13 VA National Cemetery System Memorial Service Networks (MSN) by State

MSN 2-Arkansas, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Louisiana, Florida, Puerto Rico, Southern 1/5th of Virginia along the North Carolina border.
MSN 3-North Dakota, Montana, South Dakota, Wyoming, Nebraska, Colorado, Kansas, Oklahoma, New Mexico, Texas.
MSN 4-Michigan, Minnesota, Wisconsin, Iowa, Illinois, Indiana, Missouri, Ohio, Kentucky.

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

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

US Army Corps of Engineers Division/District Map
Figure 2: Tennessee Valley Authority

Figure 3: U.S. Coast Guard Districts
Figure 4: U.S. Navy-Marine Corps MARS Regions
Figure 5: U.S. Army Area Coordinators

Figure 6: U.S. Army Area Frequency Coordinators
Figure 7: Nuclear Regulatory Commission Regions
Figure 8: Federal Emergency Management Agency Regions

Figure 9: U.S. Environmental Protection Agency Regions
Figure 10: General Services Administration Regions

Figure 11: U.S. Air Force Mars Regions
**Figure 12: Veterans Affairs Health Administration Integrated Service Network by (VISN) by Boundaries**

### G.4 COMMON ABBREVIATIONS

- AAF  ARMY AIR FIELD
- ARA  ARMY AREA
- ARPT  AIRPORT
- CGD  COAST GUARD DISTRICT
- CO  COUNTY
- CY  CITY
- DI  DISTRICT
- DIV  DIVISION
- FT  FORT
- IAP  INTERNATIONAL AIRPORT
- IS  ISLANDS
- LNB  LARGE NAVIGATIONAL BUOY
- MAP  MUNICIPAL AIRPORT
- MT  MONT, MONTE, MOUNT(S)
- MTN  MOUNTAIN(S)
- PG  PROVING GROUND(S)
- PT  POINT
- ST  SAINT

### G.5 MANUFACTURER CODES

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

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<td>ACC</td>
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<td>ACP</td>
<td>Accipiter</td>
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<tr>
<td>ACR</td>
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<tr>
<td>ADN</td>
<td>Advanced Navigation Inc.</td>
</tr>
<tr>
<td>ADS</td>
<td>General Electric/Astro Space Division</td>
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ADU  Advanced Communications Systems Inc.
ADV  Audio-Vac
AEC  Allied Electronics Corp.
AEO  Aer-O-Com
AER  Aeronautical Electronic Inc.
AES  Aerosonic Corp.
AGI  Agilent
AGN  AGA Navigation Aids Limited
AGT  Aerginti Technologies
AHI  Aleth Inc.
AIC  Atmospheric Instrumentation Research Corp.
AID  Audio Intelligence Devices Inc.
AIE  Aire-Sciences, Inc.
AII  Atmospheric Instrument Research, Inc.
AIL  Airborne Instrument Laboratories
AIM  Artemis Inc.
AIO  AIRONET
AIR  Aireon Manufacture Corp.
AIS  Air Science Inc.
AKL  Akela Corporation
ALC  Applied Research Corp.
ALL  Allison Electronics
ALN  Alenia Spazio
ALO  ALINCO
ALP  Aleph Inc.
ALT  Altech Lansing
ALV  Alva Radio Industries
ALX  Aeroflex Lintek Corporation
AMH  Amherst Systems, Inc.
AMK  Ameri-King Corporation
AMR  Amplifier Research Corporation
AMS  American Systems
AND  Andrew Corp.
ANO  ANACOM
ANP  Antenna Products Co.
ANR  Anritsu
ANS  Antenna Specialists Co.
ANT  Arnet
AOC  Air Associates Co.
API  Applied Research, Inc.
APN  Applied Concepts
APO  Appareo Systems
APS  Applied Systems Engineering
APT  Applied Technology
ARA  ARTAIS Inc.
ARB  Airbus
ARC  Aircraft Radio Corp.
ARE  Atlantic Research Corp.
ARJ  Aeronautical Radio Inc. or ARINC
ARM  Armstrong Transmitting Corp.
ART  Allied Radio Shack
ARX  Artex Aircraft Supplies, Inc.
ARY  Airsys ATM Inc.
ASC  Astronomies Corp.
ASE  Astral Electronics Inc.
ASG  Allied Signal Commercial Aviation System
ASI  Alto Scientific Inc.
ASL  Aareff Systems Limited
ASM  Astromarine Products Corp.
ASP  A/S S.P. Radio

ASR  Astra LLC
AST  Astro Communication Laboratories or Astaron Electronics Ltd.
ASY  Antenna Systems Inc.
ATC  Astro Telecom Corp.
ATE  Advanced Tech Talk
ATF  Advanced Techcom Inc.
ATI  Amerasia Technology Inc.
ATM  Automation Inc.
ATN  Aviat Networks
ATT  American Telephone & Telegraph
ATX  Advanced Training Systems
AUD  Audio-Sine, Inc.
AUT  Audio-Technica US Inc.
AVE  Aveillant
AVI  Avipur Inc.
AVN  Aerovironment
AVR  Alvarion
AVT  Avtek Co.
AWC  Athena Wireless Communications
AWI  All Weather Inc.
AYD  Aydin
AYI  Airport Systems International, Inc.
AZD  Azden, Inc.
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<td>Electro Magnetic Sciences Co.</td>
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| N   | NAV Naval Avionics                    |
| N   | NCC Nutex Communications Corp         |
| N   | NEA NEC America, Inc.                |
| N   | NEC Nemsclarke                        |
| N   | NER Nera                              |
| N   | NEU Neulink, Div. of Celltronics     |
| N   | NMT New Mexico Tech                   |
| N   | NOC Northrop Corp.                    |
| N   | NOI Nokia                             |
| N   | NOR Northeast Medal Industries        |
| N   | NOV Nova-Tech/Avionics or Nova Tech Inc. |
| N   | NRA Northern Radio Co. or Northern Electronic Co. |
| N   | NRB NARCO                            |
| N   | NRC National Aeronautic Corp.        |
| N   | NSI Nady System, Inc.                |
| N   | NSM News And Sports Microwave        |
| N   | NUC Nucomm                           |
| N   | NUW NuWaves Engineering               |
| N   | NVL Novalynx Corp.                   |
| N   | NVR Novra Technologies Inc.          |
| O   | OAI Oklahoma Aerotronics, Inc.       |
| O   | OAO OAO Corp.                         |
| O   | OAR Ocean Applied Research Corp.     |
| O   | OCA Obstruction Collision Avoidance System Inc. |
| O   | OMB OMB Sistemas Electricos S.A.     |
| O   | OMN Omnitek                           |
| O   | OPH Ophir                            |
| O   | OPS Opos Electronics                  |
| O   | OSC Orbital Sciences Corp.           |
| O   | OSL Orbital Systems, LTD             |
| O   | OTX Omni Tronix                      |
| P   | PAD Pacific Advanced Engineering, Inc. |
| P   | PAE Park Aire Electronics             |
| P   | PAS Park Air Systems                  |
| P   | PAU Pauldon                           |
| P   | PAV PAVCO                            |
| P   | PCM Pacific Communications            |
| P   | PCR Pacific Crest Corp.               |
| P   | PCS Proportional Control Systems      |
| P   | PDL Paradise Datacom LLC/LTD         |
| P   | PEA Pearce Simpson, Inc.              |
| P   | PEG Peninsula Engineering Corp.       |
| P   | PER Persistent System                 |
| P   | PFE Professional Electronics         |
| P   | PHI Philco Corp.                      |
| P   | PHX Phoenix Contact                   |
| P   | PLE Plessey Company, Ltd. (UK)        |
| P   | PMH Pacific Microwave Research        |
| P   | PMX Primex Wireless Clock System      |
| P   | POE Pointer Electronics               |
| P   | PPI Peter Pepper Inc.                 |
| P   | PRI Polytronics Research, Inc.        |
| P   | PRL Polar Research Lab.               |
| P   | PRM Protium Technologies Inc.         |
| P   | PRO Podelin, Inc.                     |
| P   | PRS Prosensing Inc.                   |</p>
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<td>Tactical Systems, Inc.</td>
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<td>TSS</td>
<td>Telesystems, Inc.</td>
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<tr>
<td>TTC</td>
<td>Titian Corp.</td>
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<td>TTG</td>
<td>Telectronics Technology Corporation</td>
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<td>TTK</td>
<td>Tron-Tek, Inc.</td>
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<td>TTS</td>
<td>Telesciences Transmission System, Inc.</td>
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<tr>
<td>TTT</td>
<td>Tactical Technology, Inc.</td>
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<td>TWS</td>
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<td>TYC</td>
<td>Tycho-Tech</td>
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<tr>
<td>UAV</td>
<td>Uavionix Corporation</td>
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**January 2021 Edition**
### G.6 ANTENNA ABBREVIATIONS

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

<table>
<thead>
<tr>
<th>ANTENNA NAME</th>
<th>ABBREVIATION</th>
<th>ANTENNA NAME</th>
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<td>CRDIPOLERF</td>
<td>Linear Array</td>
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- **UBI**: Ubiquiti Networks Inc.
- **UBL**: Ublox
- **UDN**: Uniden
- **UNI**: Univac Corp.
- **UNS**: Unisys Corp.
- **USE**: Use Corporation
- **USN**: Universal Space Network Inc.
- **V**: Vaisala
- **VAL**: Valcom, Ltd.
- **VEC**: Vector Manufacture Co.
- **VEG**: Vega Electronics Corp.
- **VER**: Versa-Count
- **VEX**: Vertex Communications Corp.
- **VHF**: VHF Engineering Co.
- **VIA**: Victoreen Instrument Co.
- **VIL**: Vitel
- **VIS**: Visual Manufacturing Division
- **VIT**: Vitro Electronics
- **VIX**: Vista Manufacturing Co.
- **VIZ**: VIZ Corp.
- **WBL**: Weibel Scientific, Inc.
- **WEI**: Ward Electronic Industries
- **WES**: Westinghouse Electric Co.
- **WHD**: Windermere HDS
- **WHE**: Whelen
- **WIL**: Wilcox Electric Corp.
- **WIN**: Wind Data
- **WJO**: Watkins Johnson Co.
- **WLC**: Wilson Electronic Corp.
- **WMX**: Western Multiplex Corporation
- **WAV**: Wavetek
- **WBL**: Weibel Scientific, Inc.
- **WEI**: Ward Electronic Industries
- **WES**: Westinghouse Electric Co.
- **WHD**: Windermere HDS
- **WHE**: Whelen
- **WIL**: Wilcox Electric Corp.
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