

## CHAPTER 4

### COMMUNICATIONS

#### **4.1 Department of Commerce.**

**4.1.1 National Weather Service (NWS).** All communication systems of the NWS are used in support of the data collection and warning program given in the plan (see Table 4.1). These communication systems are described in the publication, *Operations of the National Weather Service*.

**4.1.2 Aircraft Operations Center (AOC).** The AOC may use the communications facilities of the Air Force described in Paragraphs 4.2.1 and 4.2.2.

#### **4.2 Department of Defense (DOD).**

**4.2.1 U.S. Air Force.** *Headquarters Air Force Weather Agency (AFWA) posts winter storm bulletins received from the National Weather Service on the Joint Air Force/Army Weather Information Network (JAAWIN) where they are accessible by DOD users worldwide.*

**4.2.2 Weather Reconnaissance.** Weather reconnaissance observations will be transmitted via satellite down link, checked for accuracy, and then *transmitted to NOAA and AFWA for processing*. When the aircraft-to-satellite data link is inoperative, observations will be transmitted using high frequency single sideband radio to CARCAH. A summary of reconnaissance communications capabilities by organization is listed in Table 4.1.

**4.2.3 U.S. Navy.** *For the maritime environment, the primary means of dissemination for gale, storm, high-seas warnings, other winter storm advisories, and special observations is via the classified and unclassified web pages of the Naval Meteorology and Oceanography Center, Norfolk, VA, for the Atlantic and Mediterranean basins ([https://www.nlmoc.navy.\(smil\).mil](https://www.nlmoc.navy.(smil).mil)) and the Naval Meteorology and Oceanography Center, Pearl Harbor, HI for the Pacific and Indian Ocean basins ([https://www.npmoc.navy.\(smil\).mil](https://www.npmoc.navy.(smil).mil)). Both graphical and alphanumeric warnings are posted. In addition, the Defense Message Service (DMS) is also used to distribute alphanumeric data and gale, storm, and high-seas graphics. Unclassified DISN ATM Services (DATMS-U) will be used for exchange of data between National Weather Service (NWS) and the Navy's Fleet Numerical Meteorology and Oceanography Center.*

**4.3 U.S. Coast Guard.** The Coast Guard operates activities that routinely collect and/or report meteorological data. Those units that collect and transmit (or report) data for this program are Coast Guard Communications facilities at Boston, MA; Chesapeake, VA; Miami, FL; New Orleans, LA; Kodiak, AK; Honolulu, HI; and San Francisco, CA. These facilities collect Automated Mutual Assistance Vessel Rescue (AMVER) messages from merchant vessels and METEO messages from merchant and Coast Guard vessels on a routine basis. The METEO data are then passed directly to the NCEP on the Coast Guard Data Network (CGDN).

**Table 4-1. Reconnaissance organization contact information.**

STATION	ADDRESS	TELEPHONE
Federal Coordinator for Meteorology (OFCM)	Suite 1500 8455 Colesville Rd. Silver Spring, MD 20910	DSN 851-1460 301-427-2002
CARCAH	National Hurricane Center 11691 SW 17th Street Miami, FL 33165-2149	DSN 434-3420 305-229-4474
National Hurricane Center	11691 SW 17th Street Miami, FL 33165-2149	305-229-4470
Alternate National Hurricane Center	NCEP/HPC Camp Springs, MD	301-763-8201
Central Pacific Hurricane Center	P.O. Box 29879 Honolulu, HI	808-973-5284
<i>Naval Meteorology and Oceanography Center, Norfolk</i>	<i>NMOC 9141 Third Avenue Norfolk, VA 23511-2394</i>	<i>DSN 564-7750 757-444-7750</i>
<i>Naval Meteorology and Oceanography Center, Pearl Harbor</i>	<i>NMOC 425 Luapele Road Pearl Harbor, HI 96860-3104</i>	<i>DSN 471-0004 808-471-0004</i>
Aircraft Operations Center	AOC Tampa, FL	813-828-3310
Air Force Weather Agency	AFWA Offutt AFB, NE	DSN 271-2586 402-294-2586
FACSFAC VACAPES OAC	FACSFAC VACAPES, Oceana, VA	DSN 433-1233 757-433-1233
53 WRS	53 WRS 817 H Street - Suite 201 Keesler AFB, MS 39534-2453	DSN 597-5518/2409 601-377-5518/2409