

# Appendix A

## Sales Information

- (1) National Ocean Service (NOS) publications, nautical charts and unclassified National Geospatial-Intelligence Agency (NGA) nautical charts are sold by NOS and its authorized sales agents in many U.S. ports and in some foreign ports through the National Aeronautical Charting Office. Mail orders should be addressed to:
  - (2) Federal Aviation Administration
  - (3) National Aeronautical Charting Office
  - (4) Distribution Division (AVN-530)
  - (5) 10201 Good Luck Road
  - (6) Glenn Dale, MD 20769-9700.
- (7) Mail orders must be accompanied by a check or money order (payable in U.S. funds) payable to FAA. Remittance from outside the United States should be made either by an International Money Order or by a check payable on a U.S. bank. Chart catalogs, which include a listing of authorized sales agents, are free upon request. Telephone orders may be placed by calling 301-436-8301 or toll-free 1-800-638-8972 (Visa, MasterCard or Discover accepted); or by FAX, 301-436-6829 or by Email: 9-AMC-Chartsales@faa.gov. Sales information is located on the internet website address, <http://www.naco.faa.gov>.

## National Ocean Service Offices

- (8) **Washington, DC (Headquarters):** Assistant Administrator, National Ocean Service, NOAA, Herbert C. Hoover Bldg., 14th Street and Constitution Avenue, NW, Washington, DC 20230-0001.
- (9) **Silver Spring:** Chief, Office of Coast Survey (N/CS), National Ocean Service, NOAA, 1315 East-West Highway, Silver Spring, MD 20910-3282.
- (10) **Norfolk:** Director, Atlantic Marine Center, National Ocean Service, NOAA, 439 West York Street, Norfolk, VA 23510-1114.
- (11) **Seattle:** Director, Marine Operations Center (Pacific), National Ocean Service, NOAA, 1801 Fairview Avenue East, Seattle, WA 98102-3767.

## Charts and Publications—National Ocean Service

### Nautical Charts (See Chart Catalogs)

- (12) United States Coastal and Intracoastal waters, and possessions.
- (13) Great Lakes, Lake Champlain, New York State Canals, and the St. Lawrence River—St. Regis to Cornwall, Canada.
- (14) **Publications** (See the publication **Dates of Latest Editions** for latest editions and prices)

### Reporting chart deficiencies

- (15) Users are requested to report all discrepancies and suggested additions to NOAA nautical charts, including depth information in privately maintained channels and basins; obstructions, wrecks, and other dangers; new landmarks or the nonexistence or relocation of charted ones; uncharted fixed private aids to navigation; and deletions or additions of small-craft facilities. All such reports should be sent to:
  - (16) Chief, Marine Chart Division (N/CS2)
  - (17) National Ocean Service, NOAA
  - (18) 1315 East-West Highway
  - (19) Silver Spring, MD 20910-3282.
  - (20) The Marine Chart Division also maintains a website, <http://ocsdata.ncd.noaa.gov/dr/>, where the public can report NOAA nautical chart and Coast Pilot discrepancies or suggested changes.
- (21) **Note:** Reported discrepancies and suggested changes to NOAA's nautical charts are also examined for possible revisions to the corresponding NOAA Coast Pilot.

### Chart validity

- (22) **CAUTION: A NOAA nautical chart is not a valid document until its publication is announced in the NGA Weekly Notice to Mariners. This also applies to NOAA nautical publications such as Coast Pilot. The date of a chart is also of vital importance to the navigator. When charted information becomes obsolete, further use of the chart for navigation may be dangerous.**

### Coast Pilots

- (23) U.S. Coast Pilot 1, Atlantic Coast, Eastport to Cape Cod.

- (24) U.S. Coast Pilot 2, Atlantic Coast, Cape Cod to Sandy Hook.
- (25) U.S. Coast Pilot 3, Atlantic Coast, Sandy Hook to Cape Henry.
- (26) U.S. Coast Pilot 4, Atlantic Coast, Cape Henry to Key West.
- (27) U.S. Coast Pilot 5, Atlantic Coast–Gulf of Mexico, Puerto Rico, and Virgin Islands.
- (28) U.S. Coast Pilot 6, Great Lakes, Lakes Ontario, Erie, Huron, Michigan and Superior, and St. Lawrence River.
- (29) U.S. Coast Pilot 7, Pacific Coast, California, Oregon, Washington, and Hawaii.
- (30) U.S. Coast Pilot 8, Pacific Coast Alaska, Dixon Entrance to Cape Spencer.
- (31) U.S. Coast Pilot 9, Pacific and Arctic Coasts, Alaska–Cape Spencer to Beaufort Sea.

#### Reporting Coast Pilot deficiencies

- (32) Users are requested to report all significant discrepancies or additions to NOAA Coast Pilots, including depth information in privately maintained channels and basins; obstructions, wrecks, and other dangers; new landmarks, landmarks that have moved or been demolished; uncharted fixed private aids to navigation; and deletions or additions of small-craft facilities. A form has been included at the back of this book (NOAA Form 77-6) which can be used to report discrepancies. Discrepancies can also be reported using the NOAA website at <http://ocsddata.ncd.noaa.gov/dr/inquiry.asp>. All correspondence regarding Coast Pilots should be addressed to:
- (33) Chief, Coast Pilot Branch
- (34) NOAA, SSMC3, N/CS51
- (35) 1315 East-West Highway
- (36) Silver Spring, MD 20910-3282.
- (37) **Note:** Reported discrepancies and suggested changes to NOAA's Coast Pilot are also examined for revisions to the corresponding NOAA nautical charts.

#### Distance Tables

- (38) Distances Between United States Ports (available on the internet only at <http://chartmaker.ncd.noaa.gov/nsd/ports.html>.)

#### Tide Tables

- (39) Europe and West Coast of Africa.
- (40) East Coast, North and South America.
- (41) West Coast, North and South America.
- (42) Central and Western Pacific Ocean and Indian Ocean.
- (43) Supplemental Tidal Predictions–Anchorage, Nikiski, Seldovia, and Valdez Alaska.

#### Tidal Current Tables

- (44) Atlantic Coast, North America.
- (45) Pacific Coast, North America and Asia.

#### Dates of Latest Editions

- (46) Information concerning the dates of latest editions for the full suite of NOAA's nautical charts and U.S. Coast Pilot volumes can be found at: [www.nauticalcharts.noaa.gov/mcd/dole.htm](http://www.nauticalcharts.noaa.gov/mcd/dole.htm).

### Charts and Publications—Other U.S. Government Agencies

- (47) A partial list of publications and charts considered of navigational value is included for the ready reference of the mariner. In addition to the agents located in the principal seaports handling publication sales, certain libraries have been designated by the Congress of the United States to receive the publications as issued for public review.

#### Government Printing Office

- (48) Publications of the U.S. Government Printing Office may be ordered from Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-9325. Orders may be charged to Visa, MasterCard or Choice by calling (202) 512-1800 during normal business hours. Inquiries on availability, cost, etc, of GPO publications may be addressed to a 24-hour FAX number: 202-512-2250.

#### National Geospatial-Intelligence Agency Procurement Information

- (49) Unclassified publications produced by the National Geospatial-Intelligence Agency (NGA) are available from the U.S. Government Printing Office, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-1954. Orders can be placed on the U.S. Government Online Bookstore (<http://bookstore.gpo.gov>), by phone (202-512-1800) or by FAX (202-512-2250). Classified NGA publications and charts are available to authorized users from National Geospatial-Intelligence Agency Combat Support Center (Attn: PMSR), Washington, DC 20315-0020. NGA Customer Assistance Office may be contacted at 1-800-826-0342 or 287-2495 (Autovon).

#### Nautical Charts

- (50) **U.S. Waters:**
- (51) **Apalachicola, Chattahoochee and Flint Rivers Navigation Charts, Alabama River Charts, and Black Warrior-Tombigbee Rivers River Charts:** Published and for sale by U.S. Army Engineer District Mobile, P.O.

Box 2288, AL 36602, Attn: Map Sales, LM-SR; telephone, 251-441-5631.

(52) **Flood Control and Navigation Maps of the Mississippi River, Cairo, IL to the Gulf of Mexico:** Published by Mississippi River Commission and for sale by U.S. Army Engineer District Vicksburg, 4155 Clay Street, Vicksburg, MS 39183-3435, Attn: Map Sales; telephone: 601-631-5042.

(53) **Upper Mississippi River Navigation Charts (Mississippi River, Cairo, IL to Minneapolis, MN):** Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone, 309-794-5338.

(54) **Charts of the Illinois Waterway, from Mississippi River at Grafton, IL to Lake Michigan at Chicago and Calumet Harbors:** Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone, 309-794-5338.

(55) **Foreign Waters:** Published by National Geospatial-Intelligence Agency (see National Geospatial-Intelligence Agency Procurement Information above).

(56) **Marine Weather Services Charts:** Published by the National Weather Service; for sale by NOS Distribution Division (see Sales Information above).

**Publications**

(57) **Notices to Mariners:**

(58) Electronic versions of the Local Notices to Mariners are posted weekly on the U.S. Coast Guard Navigation Center's website at : <http://www.navcen.uscg.gov/lnm/default.htm>. The National Geospatial-Intelligence Agency Notices to Mariners are available at: <http://pollux.nss.nga.mil/untm/>.

(59) **Special Notice to Mariners** are published annually in National Geospatial-Intelligence Agency Notice to Mariners 1. These notices contain important information of considerable interest to all mariners. Interested parties are advised to read these notices.

(60) **Light Lists (United States and Possessions):** Published by U.S. Coast Guard; for sale by the Government Printing Office. (See Government Printing Office, early this Appendix A.)

(61) **List of Lights (Foreign Countries):** Published by National Geospatial-Intelligence Agency (see National Geospatial-Intelligence Agency Procurement Information above).

(62) **Sailing Directions (Foreign Countries):** Published by the National Geospatial-Intelligence Agency (see National Geospatial-Intelligence Agency Procurement Information above).

(63) **Radio Navigational Aids, Pub. 117:** Published by the National Geospatial-Intelligence Agency (see

National Geospatial-Intelligence Agency Procurement Information above).

(64) **The Nautical Almanac, the Air Almanac, and Astronomical Almanac:** Published by U.S. Naval Observatory; for sale by Government Printing Office. (see Government Printing Office, early this Appendix A.)

(65) **American Practical Navigator Bowditch Pub. 9:** Published by the National Geospatial-Intelligence Agency (see National Geospatial-Intelligence Agency Procurement Information above).

(66) **International Code of Signals Pub. 102:** Published by National Geospatial-Intelligence Agency (see National Geospatial-Intelligence Agency Procurement Information above).

(67) **Marine Product Dissemination Information:** maintained by the National Weather Service on the internet, (<http://www.new.noaa.gov/om/marine/home.htm>).

(68) **Navigation Rules:** Navigation Rules, International-Inland (COMDTINST M16672.2 series): Published by the U.S. Coast Guard; for sale by Government Printing Office. (see Government Printing Office, early this Appendix A.)

(69) **Federal Requirements for Recreational Boats:** Published by U.S. Coast Guard; available without charge by contacting the toll free Boating Safety Hotline (telephone, 800-368-5647).

(70) **Port Series of the United States:** Published and sold by U.S. Army Corps of Engineers, Institute for Water Resources, Navigation Data Center, (CEIWR-NDC-N), 7701 Telegraph Road, Casey Building, Alexandria, VA 22315-3868; telephone 703-428-8059.

**National Ocean Service Center for Operational Oceanographic Products and Services**

(71) **For Tide and Tidal Current Predictions:**  
 (72) Products and Services Division (N/OPS3)  
 (73) Room 7115  
 (74) 1305 East-West Highway  
 (75) Silver Spring, MD 20910-3281  
 (76) TEL 301-713-2815 Exts. 123, 122 (voice)  
 (77) FAX 301-713-4500 (24 hours)  
 (78) EMAIL [Tide.Predictions@noaa.gov](mailto:Tide.Predictions@noaa.gov)

(79) **For Tide Observations, Datums and Levels, Benchmark Sheets:**

(80) Products and Services Division (N/OPS3)  
 (81) Room 7317  
 (82) 1305 East-West Highway  
 (83) Silver Spring, MD 20910-3281  
 (84) TEL 301-713-2877 Exts. 128, 176  
 (85) FAX 301-713-4437 (24 hours)  
 (86) EMAIL [Stephen.Lyles@noaa.gov](mailto:Stephen.Lyles@noaa.gov)  
**PORTS® Information and Data**  
 (87) Products and Services Division (N/OPS3)  
 (88) Room 7317  
 (89)

- (90) 1305 East-West Highway  
 (91) Silver Spring, MD 20910-3281  
 (92) TEL 301-713-2877 Exts. 128, 176  
 (93) FAX 301-713-4437 (24 hours)  
 (94) EMAIL Stephen.Lyles@noaa.gov

#### **Publishers of Tide Tables and Tidal Current Tables:**

- (95) **ProStar Publications Inc.**  
 (96) 8643 Hayden Place  
 (97) Culver City, CA 90232-2901  
 (98) TEL (800) 481-6277  
 (99) TEL (800) 481-6277  
 (100) **International Marine**  
 (101) P.O. Box 547  
 (102) Backlick, OH 43004  
 (103) TEL (800) 626-4729

#### **U.S. Army Corps of Engineers (USACE) Offices**

- (104) **Pacific Ocean Division Office:** Bldg. 230, Fort Shafter, Hawaii 96858-5440.  
 (105) The Pacific Ocean Division includes the State of Hawaii. The division also performs protection and preservation works at the islands of Guam and American Samoa.  
 (106) **Los Angeles District Office:** 300 North Los Angeles Street, Los Angeles, CA 90012.  
 (107) The Los Angeles District includes the coastal waters and tributaries of California from the Mexican boundary to Cape San Martin (35°54'N., 121°27'W.).  
 (108) **Portland District Office:** Duncan Plaza, 333 S.W. First Avenue, P.O. Box 2946, Portland, OR 97208.  
 (109) The Portland District includes the coastal waters and tributaries of Oregon, and the waters and tributaries of the Columbia River as far as the bridge at Umatilla, Oreg., just below McNary Dam.  
 (110) **Sacramento District Office:** 650 Capitol Mall, Federal and Court Bldg., Sacramento, CA 95814-4794.  
 (111) The Sacramento District includes Suisun Bay, and the Sacramento and San Joaquin Rivers and their tributaries.  
 (112) **San Francisco District Office:** 211 Main Street, San Francisco, CA 94105-1905.  
 (113) The San Francisco District includes the coastal waters and tributaries from Cape San Martin to the Oregon boundary, including San Francisco Bay but not Suisun Bay and the Sacramento and San Joaquin Rivers and their tributaries.  
 (114) **Seattle District Office:** 4735 East Marginal Way South, Seattle, Wash. 98134.  
 (115) The Seattle District includes the coastal waters and tributaries of Washington except the Columbia River.  
 (116) **Walla Walla District Office:** Bldg. 602, City-County Airport, Walla Walla, WA 99362-9265.

- (117) The Walla Walla District includes the Columbia River and tributaries above the bridge at Umatilla, Oreg., just below McNary Dam.

#### **Environmental Protection Agency (EPA) Offices**

- (118) Regional offices and States in the EPA coastal regions:  
 (119) **Region I** (New Hampshire, Vermont, Maine, Massachusetts, Connecticut, Rhode Island): J. F. Kennedy Federal Bldg., Boston, MA 02203.  
 (120) **Region II** (New Jersey, New York, Puerto Rico, Virgin Islands): 26 Federal Plaza, New York, NY 10278.  
 (121) **Region III** (Delaware, Maryland, Virginia, District of Columbia, Pennsylvania): 841 Chestnut Street, Philadelphia, PA 19107.  
 (122) **Region IV** (Alabama, Florida, Georgia, Mississippi, South Carolina, North Carolina): 345 Courtland Street, NE., Atlanta, GA 30365.  
 (123) **Region V** (Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin): 230 South Dearborn Street, Chicago, IL 60604.  
 (124) **Region VI** (Louisiana, Texas): 1445 Ross Avenue, Dallas, TX 75270.  
 (125) **Region IX** (California, Hawaii, Guam): 215 Fremont Street, San Francisco, Calif. 94105.  
 (126) **Region X** (Alaska, Oregon, Washington): 1200 Sixth Avenue, Seattle, Wash., 98101.

#### **U.S. Coast Guard Navigation Center (NAVCEN)**

- (127) The Navigation Center is the United States Coast Guard's Navigation Center of Excellence. It is located in Alexandria, VA, south of the Washington Beltway, on the grounds of the Coast Guard Telecommunications and Information Systems Command (TISCOM) facility.  
 (128) Formerly the "Omega Navigation Center", NAVCEN now controls 78 DGPS sites and 24 LORAN stations across the United States (approximately half of the DGPS sites and LORAN stations are controlled by the Navigation Center Detachment in Petaluma, California). In addition, NAVCEN has responsibility for the development of high accuracy DGPS, and the development of new navigation technologies such as the use of inertial and enhanced LORAN to back up GPS.  
 (129) For further information and/or operational questions regarding GPS, DGPS, OR LORAN-C, contact:  
 (130) Commanding Officer  
 (131) U.S. Coast Guard Navigation Center  
 (132) 7323 Telegraph Road  
 (133) Alexandria, VA 22315  
 (134) TEL: 703-313-5900; FAX: 703-313-5920;  
 (135) Email: NISWS@navcen.uscg.mil;  
 (136) Website: <http://www.navcen.uscg.gov/>

**Coast Guard District Offices**

- (137) Commander, Eleventh Coast Guard District, Coast Guard Island, Building 50-6, Alameda, CA 94501-5100. Arizona; Utah; Nevada; California; and the ocean area bounded by a line from the California-Oregon state line westerly to 40°N., 150°W., thence southeasterly to 5°S., 100°W., thence northeasterly to the border between Guatemala and Mexico on the Pacific Coast (14°38'N., 92°19'W.).
- (138) Commander, Thirteenth Coast Guard District, 915 Second Avenue, Jackson Federal Building, Seattle, Wash. 98174-1067. The coastal waters and tributaries in Oregon, Washington, Idaho, and Montana.
- (139) Commander, Fourteenth Coast Guard District, Prince Kalaniana'ole Federal Building, 300 Ala Moana Boulevard, Honolulu, Hawaii 96850-4982. The State of Hawaii and the Pacific Islands belonging to the United States west of 150°W., and south of 40°N.
- (140) **Note:** A Marine Safety Office combines the functions of the Captain of the Port and Marine Inspection Office.
- (141) The symbol (D) preceding an office indicates that a Documentation Office is at the same address.

**Coast Guard Marine Safety Offices (MSO)**

- (142) **USCG Sector Honolulu** – 400 Sand Island Parkway, Honolulu HI 96819
- (143) **MSO San Diego** – 2710 North Harbor Drive, San Diego CA 92101
- (144) **MSO/Group Los Angeles-Long Beach** – 1001 South Seaside Avenue, Bldg. 20, San Pedro CA 90731
- (145) **MSO San Francisco Bay** – Coast Guard Island, Bldg. 14, Alameda CA 94501
- (146) **MSO Portland** – 6767 North Basin Avenue, Portland OR 97217
- (147) **MSO Puget Sound** – 1519 Alaskan Way South, Bldg. 1, Seattle WA 98134

**Coast Guard Stations**

- (148) The stations listed are in the area covered by this Coast Pilot. They have search and rescue capabilities and may provide lookout, communication, and/or patrol functions to assist vessels in distress. The National VHF-FM Distress System provides continuous coastal radio coverage outwards to 20 miles on channel 16. After contact on channel 16, communications with the Coast Guard should be on channel 22. If channel 22 is not available to the mariner, communications may be made on channel 12. Selected stations guard the International Radiotelephone Distress, Safety and Calling Frequencies.
- (149) **California:**
- (150) Humboldt Bay Air Station (40°59'N., 124°06'W.). At McKinleyville.

- (151) Bodega Bay (38°18.7'N., 123°03.0'W.). On E side of channel 0.8 mile inside Bodega Harbor.
- (152) Channel Islands Harbor (34°09.7'N., 119°13.3'W.). On the E side of the harbor about 0.4 mile above the entrance.
- (153) Golden Gate (37°49'54"N., 122°28'30"W.). At entrance to Horseshoe Bay, about 0.4 mile NNE of Golden Gate Bridge.
- (154) Humboldt Bay (40°46.1'N., 124°13.2'W.). E side of North Spit at the entrance to Humboldt Bay.
- (155) Lake Tahoe (39°10.8'N., 120°07.1'W.). On W shore of the lake, about 1.3 miles W of Dollar Point.
- (156) Los Angeles/Long Beach (33°43'26"N., 118°16'06"W.). On the W side of Reservation Point.
- (157) Los Angeles Air Station (33°57'N., 118°24'W.). At Los Angeles International Airport.
- (158) Vallejo (38°06'38"N., 122°16'12"W.) 2.5 miles above the entrance to Mare Island Strait just below the Vallejo-Mare Island causeway lift bridge.
- (159) Rio Vista (38°08.8'N., 121°41.5'W.). On the W side of the Sacramento River, 0.9 mile below bridge.
- (160) Sacramento Air Station (38°40'N., 121°24'W.). NE of the city at McClellan Air Force Base.
- (161) San Diego (32°43.6'N., 117°10.9'W.). In North San Diego Bay, 700 yards NE of E end of Harbor Island.
- (162) San Diego Air Station (32°43.6'N., 117°10.9'W.). In North San Diego Bay.
- (163) San Francisco Base and Station (37°48.7'N., 122°21.6'W.). On the E side of Yerba Buena Island.
- (164) San Francisco Air Station (37°38'N., 122°23'W.). At San Francisco International Airport.
- (165) **Hawaii:**
- (166) Barbers Point Air Station (21°18.8'N., 128°04.4'W.). At Barbers Point Naval Air Station.
- (167) Honolulu Base (21°18.6'N., 157°52.6'W.). On Sand Island, 0.8 mile from harbor entrance.
- (168) Maui (20°47.5'N., 156°30.6'W.). At Maalaea Village in Maalaea Bay.
- (169) **Oregon:**
- (170) Astoria Air Station (46°10'N., 123°53'W.). At Clatsop County Airport.
- (171) Chetco River (42°02.8'N., 124°16.0'W.). On E side of river, about 450 yards above the entrance.
- (172) Coos Bay (43°20.7'N., 124°19.3'W.). S side of Charleston Boat Basin.
- (173) Depoe Bay (44°48.6'N., 124°03.5'W.). On E side of bay.
- (174) North Bend Air Station (43°25'N., 124°15'W.). At North Bend Municipal Airport.
- (175) Siuslaw River (44°00.1'N., 124°07.2'W.). On E side of river, about 1.3 mile above the entrance.
- (176) Tillamook Bay (45°33.5'N., 123°55.2'W.). On N shore at Garibaldi.

- (177) Umpqua River (43°40.9'N., 124°10.9'W.). In Winchester Bay, 2 miles above the mouth.
- (178) Yaquina Bay (44°37.6'N., 124°03.3'W.). Newport waterfront, N side of bay near bridge.
- (179) **Washington:**
- (180) Bellingham (48°45.4'N., 122°30.4'W.). In Squaticum small-boat harbor.
- (181) Cape Disappointment (46°16.8'N., 124°02.7'W.). At Fort Canby on SW side of Baker Bay.
- (182) Grays Harbor (46°54.3'N., 124°06.1'W.). On the S side of Westhaven Cove.
- (183) Neah Bay (48°22.3'N., 124°35.8'W.). About 0.5 mile S of Waadah Island.
- (184) Port Angeles Air Station (48°08.4'N., 123°24.5'W.). On Ediz Hook about 0.3 mile W of the E extremity of the hook.
- (185) Quillayute River (47°54.5'N., 124°38.2'W.). At La Push.
- (186) Seattle (47°39.8'N., 122°23.5'W.). On S side Lake Washington Ship Canal, 0.8 mile from W entrance.

**Coast Guard Radio Broadcasts**

- (187) Urgent, safety, and scheduled marine information broadcasts are made by Coast Guard radio stations. In general, these broadcasts provide information vital to vessels operating in the approaches and coastal waters of the United States including Puerto Rico and U.S. Virgin Islands. Transmissions are as follows:
- (188) **By radiotelephone:** (a) upon receipt; (b) repeated 15 minutes later, (for urgent messages only); (c) text only on the first scheduled broadcast unless canceled; (d) additional broadcasts at the discretion of the originator.
- (189) **Urgent broadcasts** are preceded by the urgent signal PAN-PAN. Both the urgent signal and message are transmitted on 2182 kHz, and VHF-FM channel 16.
- (190) **Safety broadcasts** are preceded by the safety signal SECURITY. After the preliminary safety signal is broadcast on 2182 kHz and VHF-FM channel 16, broadcast stations will shift to 2670 kHz and VHF-FM channel 22A, respectively.

**Scheduled broadcasts**

- (191) The following Coast Guard radio stations make scheduled broadcasts, preceded by a preliminary call on 2182 kHz and VHF-FM channel 16 at the times and frequencies indicated:
- (192) **NOR**, San Diego, Calif., VHF-FM channel 22A, 0903 and 1703 P.s.t. (Remote antennas on Point Loma and San Clemente Island.)
- (193) **NMQ-9**, Los Angeles/Long Beach, Calif., 2670 kHz, 1000 and 2100 P.s.t.; VHF-FM channel 22A, 0500 and 1800 P.s.t. (Remote VHF-FM antennas on San Pedro Hill,

Laguna Peak (34°07'N., 119°04'W.), and Tranquillon Mountain.)

- (194) **NMC-6**, Monterey, Calif., VHF-FM channel 22A, 0733, 0815, 1545, and 1933 P.s.t. (Remote VHF-FM antennas at Cambria, Point Sur, and Mount Umunhum (37°09'38"N., 121°53'51"W.))
- (195) **NMC**, San Francisco, Calif., 2670 kHz, 0603 and 1803 P.s.t.
- (196) **NMC-17**, San Francisco, Calif., VHF-FM channel 22A, 0800, 1100 and 1530 P.s.t.
- (197) **NMC-11**, Humboldt Bay, Calif., 2670 kHz, 0703 and 1903 P.s.t.; VHF-FM channel 22A, 0815 and 1515 P.s.t. (Remote VHF-FM antennas at Cahto Peak, Trinidad Head and Point St. George.)
- (198) **NOE**, North Bend, Oreg., 2670 kHz, 1003 and 2203 P.s.t.; VHF-FM channel 22A, 1003 and 2203 P.s.t.
- (199) **NMW**, Astoria, Oregon, 2670 kHz, 0933 and 2133 P.s.t.; VHF-FM channel 22A, 0933 and 2133 P.s.t.
- (200) **NMW-44**, Portland, Oregon, VHF-FM channel 22A, 0945 P.s.t.
- (201) **NOW**, Port Angeles, Wash., 2670 kHz, 1015 and 2215 P.s.t.; VHF-FM channel 22A, 1015 and 2215 P.s.t.
- (202) **NMW-43**, Seattle, Wash., VHF-FM channel 22A, 1030 and 2230 P.s.t.
- (203) **NMO**, Honolulu, Hawaii, 2670 kHz, 1103 and 2303 H.A.s.t.; VHF-FM channel 22A, 0700 and 1900 H.A.s.t.

**U.S. NAVTEX Transmitting Stations**

- (204) The International Maritime Organization has designated NAVTEX as the primary means for transmitting coastal urgent marine safety information to ships worldwide. NAVTEX transmissions have a designed range of 400 NM and coverage is reasonably continuous in the east, west and Gulf coasts of the United States, as well as the area around Kodiak, Alaska, Guam and Puerto Rico. All NAVTEX broadcasts are made on 518 kHz. NAVTEX broadcast stations and message content for the West Coast are as follows:

STATION	ID	WX BROADCAST SCHEDULE (UTC)
Kodiak	J	0300, 0700, 1100*, 1500, 1900, 2300*
	X	0340, 0740, 1140*, 1540, 1940, 2340*
Astoria	W	0130, 0530, 0930*, 1330, 1730, 2130*
San Francisco	C	0000, 0400*, 0800, 1200, 1600*, 2000
Cambria	Q	0045, 0445*, 0845, 1245, 1645*, 2045
Marianas	V	0100, 0500, 0900, 1300, 1700, 2100
Honolulu	O	0040, 0440, 0840*, 1240, 1640, 2040*

- (205) \*Routine weather forecasts are broadcast four times per day with these being the normal times when repeats of Notices to Mariners are broadcast in lieu of

weather. Weather warnings may be broadcast at any time.

- (206) **Cambria (NMC) (Station Q)**
- (207) Eleventh Coast Guard District Broadcast Notices to Mariners.
- (208) Distress, Urgent, and Safety messages.
- (209) Gale, storm, and Hurricane warnings.
- (210) Coastal weather forecasts for Point St George to Guadalupe Island and 60 NM offshore.
- (211) **San Francisco (NMC) (Station C)**
- (212) Eleventh Coast Guard District Broadcast Notices to Mariners.
- (213) Distress, Urgent, and Safety messages.
- (214) Gale, storm, and hurricane warnings.
- (215) Offshore marine weather forecasts for:
- (216) North of 30 N., East of 160 E.;
- (217) South of 30 N., East of 140 W.
- (218) **Astoria (NMW)(Station W)**
- (219) Thirteenth Coast Guard District Broadcast Notice to Mariners.
- (220) Distress, Urgent, and Safety messages.
- (221) Gale, storm, and hurricane warnings.
- (222) Offshore marine weather forecasts for the Canadian border to Point St. George and 250 NM offshore.
- (223) **Kodiak (NOJ)(Station J)**
- (224) Seventeenth Coast Guard District Broadcast Notice to Mariners.
- (225) Distress, Urgent, and Safety messages.
- (226) Gale, storm, and hurricane warnings.
- (227) Offshore marine weather forecasts for the Canadian border to 85 N including the Aleutian Chain.
- (228) **Kodiak (NOJ) (Station X)**
- (229) Seventeenth Coast Guard District Broadcast Notice to Mariners.
- (230) Distress, Urgent, and Safety messages.
- (231) Gale, storm, and hurricane warnings.
- (232) Coastal weather forecasts for the Andreanof Island vicinity.
- (233) **Honolulu (NMO)(Station O)**
- (234) Fourteenth Coast Guard District Broadcast Notice to Mariners.
- (235) Distress, Urgent, and Safety messages.
- (236) Gale, storm, tropical storm, and typhoon warnings.
- (237) Offshore marine weather forecasts for:
- (238) North Pacific to 50 N. and 160 E. to 140 W.;
- (239) South Pacific to 25 S. and 160 E. to 110 W.
- (240) **Marianas (NRV) (Station V)**
- (241) Marianas Section Broadcast Notice to Mariners.
- (242) Distress, Urgent, and Safety messages.
- (243) Gale, storm, tropical storm, and typhoon warnings.
- (244) Offshore marine weather forecasts.

**Customs Ports of Entry and Stations**

- (245) Vessels may be entered and cleared at any port of entry or customs station, but at the latter only with advance authorization from the Customs Service district director.
- (246) **Pacific Region**
- (247) **San Diego District:**
- (248) Port of Entry: San Diego.
- (249) Los Angeles District:
- (250) Ports of Entry: Los Angeles-Long Beach, Port San Luis.
- (251) Customs Station: Port Hueneme.
- (252) **San Francisco District:**
- (253) Ports of Entry: San Francisco-Oakland, Eureka.
- (254) Customs Station: Monterey.
- (255) Columbia-Snake (at Portland) District:
- (256) Ports of Entry: Astoria, Coos Bay, Longview, Newport.
- (257) **Seattle District:**
- (258) Ports of Entry: Aberdeen, Blaine, Point Roberts, Puget Sound (includes Anacortes, Bellingham, Everett, Friday Harbor, Neah Bay, Olympia, Port Angeles, Port Townsend, and Tacoma).
- (259) **Honolulu District:**
- (260) Ports of Entry: Barbers Point, Hilo, Honolulu, Kahului, Nawiliwili-Port Allen.

**National Weather Service Offices**

- (261) The following offices will provide forecasts and climatological data or arrange to obtain these services from other offices. They will also check barometers in their offices or by telephone; refer to the local telephone directory for numbers:

**California**

- (262) Eureka Weather Forecast Office: 300 Startare Drive, Eureka, CA 95501
- (263) Los Angeles/Oxnard Weather Forecast Office: 520 North Elevar Street, Oxnard, CA 93030
- (264) Sacramento, California Weather Forecast Office
- (265) San Diego Weather Forecast Office: 11440 W. Bernardo Court, Suite 230, San Diego, CA 92127
- (266) San Francisco Bay Area Weather Forecast Office: 21 Grace Hopper Avenue, Stop 5, Monterey, CA 93943-5505
- (267) San Joaquin Valley Weather Forecast Office: 900 Foggy Bottom Road, Hanford, CA 93230-5236

**Hawaii**

- (268) Honolulu Weather Forecast Office: 2525 Correa Road, Ste 250, Honolulu, HI 96822

**Oregon**

- (269) Medford Weather Forecast Office: 4003 Cirrus Drive, Medford, OR 97504-4198
- (270) Pendleton Weather Forecast Office: 2001 NW 59th Drive, Pendleton, OR 97801
- (271) Portland Weather Forecast Office: 5241 NE 122nd Avenue, Portland, OR

**Washington**

- (272) Seattle Weather Forecast Office: 7600 Sandpoint Way NE, Seattle, WA 98115-6349
- (273) Spokane Weather Forecast Office: 2601 N. Rambo Road, Spokane, WA 99224

**Radio Weather Broadcasts**

- (274) Taped or direct broadcasts of marine weather forecasts and storm warnings are made by commercial and Coast Guard radio stations in the area covered by this Coast Pilot. These broadcasts usually are made several times a day; the transmission schedules are shown on the **Marine Weather Services Charts** for the following areas:

- (275) Mexican Border to Point Conception, Calif.
- (276) Point Conception, Calif. to Point St. George, Calif.
- (277) Point St. George, Calif. to Canadian Border.
- (278) Hawaiian Waters.
- (279) The weather broadcasts schedules of Coast Guard radio stations are also listed in the descriptions of Coast Guard marine services found elsewhere in this Appendix A.

**NOAA Weather Radio**

- (280) National Weather Service VHF-FM radio stations provide mariners with continuous FM broadcasts of weather warnings, forecasts, radar reports, and surface weather observations. These stations usually transmit on 162.55, 162.475, or 162.40 MHz. Reception range is up to 40 miles from the antenna site, depending on the terrain, type of receiver, and antenna used. The following VHF-FM radio stations with location of antenna are in or near the area covered by this Coast Pilot.

- (281) **KEC-62**, San Diego, Calif., (33°01'N., 116°57'W.), 162.40 MHz.
- (282) **WWG-21**, Santa Ana, Calif., (33°50'N., 117°36'W.) 162.45 MHz
- (283) **KWO-37**, Los Angeles, Calif., (34°13'N., 118°03'W.) 162.55 MHz
- (284) **KIH-34**, Santa Barbara, Calif., (34°26'N., 119°46'W.) 162.40 MHz
- (285) **WWF-62**, Santa Barbara, Calif., (34°31'N., 119°58'W.) 162.475 MHz
- (286) **KIH-31**, San Luis Obispo, Calif., (35°21'N., 120°39'W.), 162.55 MHz.

- (287) **KEC-49**, Monterey, Calif., (37°11'N., 121°54'W.) 162.55 MHz.

- (288) **KHB-49**, San Francisco, Calif., (37°27'N., 122°30'W.), 162.40 MHz.

- (289) **KIH-30**, Point Arena, Calif., (39°01'N., 123°31'W.), 162.40 MHz.

- (290) **KEC-82**, Eureka, Calif., (40°25'N., 124°07'W.), 162.40 MHz.

- (291) **KIH-37**, Brookings, Oreg., (42°07'N., 124°12'W.), 162.55 MHz.

- (292) **WNG-596**, Port Orford, Oreg., (42°42'N., 124°27'W.), 162.425 MHz.

- (293) **KIH-32**, Coos Bay, Oreg., (43°23'N., 124°07'W.), 162.40 MHz.

- (294) **WNG-674**, Florence, Oreg., (44°03'N., 124°02'W.), 162.500 MHz.

- (295) **KIH-33**, Newport, Oreg., (44°45'N., 124°02'W.), 162.55 MHz.

- (296) **WWF-95**, Tillamook, Oreg., (45°28'N., 123°56'W.), 162.475 MHz.

- (297) **KIG-98**, Portland, Oreg., (45°34'N., 122°47'W.), 162.55 MHz.

- (298) **KEC-91**, Astoria, Oreg., (46°22'N., 123°48'W.), 162.40 MHz.

- (299) **KXI-27**, Forks, Wash., (47°50'N., 124°23'W.), 162.425 MHz.

- (300) **KIH-36**, Neah Bay, Wash., (48°22'N., 124°40'W.), 162.55 MHz.

- (301) **WWG-24**, Puget Sound, Wash., (48°02'N., 122°58'W.), 162.425 MHz.

- (302) **KHB-60**, Seattle, Wash., (47°32'N., 121°55'W.), 162.55 MHz.

- (303) **WXM-62**, Olympia, Wash., (46°33'N., 122°55'W.), 162.475 MHz.

- (304) **CFA-240**, Mt Tuam, Canada, (48°43'N., 123°29'W.), 162.40 MHz. (Canadian Government weather radio station.)

- (305) **KBA-99**, Hilo, Hawaii, (19°44'N., 155°05'W.), 162.55 MHz.

- (306) **KBA-99**, Maui, Hawaii, (20°43'N., 156°16'W.), 162.40 MHz.

- (307) **KBA-99**, Honolulu, Hawaii, (21°31'N., 158°09'W.), 162.55 MHz.

- (308) **KBA-99**, Kauai, Hawaii, (22°07'N., 159°40'W.), 162.40 MHz.

- (309) The National Weather Service provides **Radio Facsimile Weather Information** for Pacific coast and Hawaiian waters through Coast Guard Communications Station Pt. Reyes (NMC) and DOD Communication Station Honolulu (KVM70). Broadcasts are made on the following frequencies:

- (310) Pt. Reyes (NMC) – 4346 (except 19z, 23z), 8682, 12590.5, 17151.2, 22527 (19z, 23z) kHz.

- (311) Honolulu – 9982.5 (11z), 11090 (except 23z), 16135 (except 11z), 23331.5 (23z) KHz.
- (312) For carrier frequency, subtract 1.9 kHz. Fax schedules are transmitted at 1104 and 2324 GMT (Pt. Reyes), 1045 and 2018 GMT (Honolulu), providing area coverage and descriptions of services. For further information, go to [www.nws.noaa.gov/om/marine/radiofax.htm](http://www.nws.noaa.gov/om/marine/radiofax.htm).

**Marine Weather Forecasts**

- (313) Scheduled coastal marine forecasts are issued four times daily by National Weather Service Offices. For further information on coastal marine forecasts as well as additional types of forecasts, go to [www.nws.noaa.gov/om/marine/forecast.htm](http://www.nws.noaa.gov/om/marine/forecast.htm).

**Space Environment Center (SEC)**

- (314) The Space Environment Center disseminates space weather alerts and forecasts (information concerning solar activity, radio propagation, etc.).
- (315) For general information write or call:
- (316) NOAA, National Weather Service
- (317) National Center for Environmental Prediction
- (318) Space Environment Center, W/NP9
- (319) 325 Broadway
- (320) Boulder, CO 80305
- (321) Telephone (303) 497-3171
- (322) Website: <http://www.sec.noaa.gov/>

**Public Health Service Quarantine Stations**

- (323) Stations where quarantine examinations are performed:
- (324) Honolulu: U.S. Quarantine Station, Honolulu International Airport, Terminal Box #67, Honolulu, Hawaii 96819-1832.
- (325) Los Angeles: U.S. Quarantine Station, P.O. Box 90834, Los Angeles, CA 90009-0834.
- (326) San Francisco: U.S. Quarantine Station, P.O. Box 8548 SFIA, San Francisco, Calif. 94128-0548.
- (327) Seattle: U.S. Quarantine Station, Room S-212, Seattle-Tacoma International Airport, Seattle, WA 98158-1720.
- (328) At other ports, quarantine and/or medical examinations are usually performed by Public Health Service contract personnel or by quarantine inspectors from the nearest quarantine station. Inquiries concerning quarantine matters should be directed to the nearest quarantine station.

**Food and Drug Administration (FDA) Regional Offices**

- (329) **Northeast Region** (New York, Maine, Connecticut, New Hampshire, Vermont, Rhode Island): 830 Third Avenue, Brooklyn, NY 11232.

- (330) **Mid-Atlantic Region** (Delaware, Pennsylvania, Virginia, Maryland, Ohio, New Jersey): U.S. Customhouse, 2nd and Chestnut Streets, Philadelphia, PA 19106.

- (331) **Southeast Region** (South Carolina, North Carolina, Georgia, Alabama, Louisiana, Mississippi, Florida, Puerto Rico): 60 Eighth Street, N.E., Atlanta, GA 30309. **Midwest Region** (Illinois, Indiana, Michigan, Wisconsin): 20 N. Michigan Avenue, Chicago, IL 60602.

- (332) **Southwest Region (Texas)**: 3032 Bryan Street, Dallas, TX 75204.

- (333) **Pacific Region** (California, Hawaii, Alaska, Washington, Oregon): 50 U.N. Plaza, San Francisco, CA 94102.

**Department of Agriculture, Animal and Plant Health Inspection Service (APHIS) Offices**

- (334) Listed below are ports covered by this volume where APHIS inspectors are available to inspect plants, and plant and animal products, and locations of Animal Import Centers where livestock and birds are inspected.

- (335) Information on importation of plants, animals, and plant and animal products is available from APHIS, Department of Agriculture, Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782. The specific offices to contact are as follows: for plants, including fruits and vegetables, and plant products, Plant Protection and Quarantine, Room 635, telephone 301-436-6799; for animal products, Import-Export Animals and Products Staff, Room 756A, telephone 301-436-7885; and for live ruminants, swine, equines, poultry and other birds, Veterinary Services, Import-Export Animals and Products Staff, Room 764, telephone 301-436-8590.

**California:**

- (337) Los Angeles: Bldg. D North, 9650 La Cienega Boulevard, Inglewood 90301.
- (338) Los Angeles: International Arrivals Area, Satellite 2, World Way Center Post Office, Los Angeles International Airport, 90009.

- (339) San Diego: U.S. Border Station, San Ysidro 92073.

- (340) San Francisco: Agriculture Bldg., Embarcadero and Mission Streets 94120.

- (341) San Francisco: Airport Station, San Francisco International Airport 94128.

**Hawaii:**

- (342) Hilo: General Lyman Field 96720.
- (343) Honolulu: International Arrivals Bldg., Honolulu International Airport 96820.

- (345) Wailuku: Federal Post Office Bldg., 96793.

**Oregon:**

- (347) Astoria: Port Docks 97103.
- (348) Coos Bay: U.S. Postal Service Bldg., 235 West Anderson Street 97420.

(349) Portland: Federal Bldg., 511 Northwest Broadway 97209.

(350) **Washington:**

(351) Blaine: U.S. Customs House, 98230.

(352) Seattle: Federal Office Bldg., 909 First Avenue 98174.

(353) Seattle: Seattle-Tacoma International Airport 98158.

**Animal Import Centers:**

(354) Honolulu, Hawaii: 300 Ala Moana Boulevard, 96850.

(355) Miami, Fla.: 8120 N.W. 53rd Street, 33166.

(356) Rock Tavern, N.Y., New York Animal Import Center, Stewart Airport, Rural Route 1, Box 74, 12575.

**Immigration and Naturalization Service Offices**

(357) **California:**

(358) Los Angeles: 300 North Los Angeles Street 90012.

(359) Sacramento: Federal and U.S. Courthouse Bldg., 650 Capitol Mall 95814.

(360) San Diego: 880 Front Street 92188.

(361) San Francisco: Appraisers Bldg., 630 Sansome Street 94111.

(362) San Luis Obispo: Frontage Road South Highway 101, 93406.

(363) San Pedro: Terminal Island 90731.

(364) Stockton: U.S. Post Office Bldg., 401 North San Joaquin Street 95202.

(365) **Hawaii:**

(366) Honolulu: 595 Ala Moana Boulevard 96809.

(367) **Oregon:**

(368) Portland: Federal Office Bldg., 511 Northwest Broadway 97209.

(369) **Washington:**

(370) Bellingham: Federal Bldg., Magnolia and Cornwall Streets 98227.

(371) Blaine: Peace Arch Inspection Station 98230.

(372) Longview: U.S. Postal Service Bldg., 1603 Larch Street 98632.

(373) Port Angeles: U.S. Post Office Bldg., First and Oak Streets 98362.

(374) Seattle: 815 Airport Way South 98134.

(375) Tacoma: U.S. Post Office Bldg., 11th and A Streets 98401.

**Department of Interior, U.S. Fish and Wildlife Service**

(376) Interior, Department of Refuge Manager, Hawai‘ian/Pacific Islands National Wildlife Complex, U.S. Fish and Wildlife Service, 300 Ala Moana Boulevard, P.O. Box 50167, Honolulu, HI 96850. See National Wildlife Refuges (indexed as such), chapter 15.

**Federal Communications Commission Offices**

(377) **District field offices:**

(378) Waipahu, Hawaii: P.O. Box 1030, 96797.

(379) Long Beach, Calif.: 3711 Long Beach Boulevard, 90807.

(380) Portland, Oreg.: 1782 Federal Bldg., 1220 S.W. Third Avenue 97204.

(381) La Mesa, Calif., 7840 El Cajon Blvd., 92041.

(382) San Francisco, Calif., 424 Customhouse, 555 Battery Street 94111.

(383) Bellevue, Wash.: One Newport, Room 414, 3605 132nd Avenue, S.E. 98006.

**Radio shore stations providing medical advice**

(384) Messages to shore stations may be transmitted in code groups or plain language; messages should be signed by the master and be prefixed: “RADIOMEDICAL”. The following stations will provide radio services for medical advice. (See Medical advice, chapter 1.)

(385) **NMC**, San Francisco, CA, U.S. Coast Guard, and

(386) **NMO**, Honolulu, HI, U.S. Coast Guard on HF single-sideband radiotelephone channels 424(4134 kHz), 601(6200 kHz), 816(8340 kHz), or 1205(12242 kHz).

(387) **NOJ**, Kodiak, AK, U.S. Coast Guard, and

(388) **KLB**, Seattle, WA, Mobile Marine Radio, Inc.

**Measured Courses**

(389) The positions of measured courses are shown on the chart and their description is included in the Coast Pilots when information is reported to the National Ocean Service. Courses are located in the following places covered by this Coast Pilot.

(390) Carr Inlet, on the NE shore of McNeil Island; 18448.

(391) Channel Islands Harbor, on the breakwater N of the entrance; 18725.

(392) Commencement Bay, on the SW shore between Ruston and Tacoma; 18474.

(393) Dungeness Bay, on the strait side of Dungeness Spit; 18465.

(394) Edmonds, N of Edwards Point on the E shore of Puget Sound; 18473.

(395) Kaneohe Bay, SE of Moku o Loe Island in S part of bay; 19359.

(396) Lake Washington, on pontoon bridge from Foster Island to Evergreen Point; 18447.

(397) Lake Washington, on pontoon bridge to Mercer Island; 18447.

(398) Long Beach Harbor, on Long Beach Breakwater; 18751.

(399) Marina del Rey, just N of entrance; 18744.

- (400) Newport Harbor, W side of harbor entrance; 18754.
- (401) Pacific Beach, just N of Scripps Institution of Oceanography; 18765.
- (402) Parry Bay, on the NW shore of the bay; 18465.
- (403) Port Angeles, in SW part of the harbor; 18468.
- (404) Sacramento River, on NE side of river N of Walnut Grove; 18662.
- (405) San Clemente Island, S of West Cove; 18763.
- (406) San Diego Bay, on W side of North Island; 18773.
- (407) San Diego Bay, on S side of Harbor Island; 18773 (not charted).
- (408) Sinclair Inlet, S of Bremerton naval shipyard; 18452.
- (409) Vashon Island, E of Point Beals; 18448.
- (410) The pages in the text describing the courses can be obtained by referring to the index for the geographic places; the chart number follows the names.

