

UNITED STATES COAST PILOT CORRECTIONS

COAST PILOT 7 41 Ed 2009 Change No. 8
LAST NM 10/09

Page 56—Paragraph 263 to Page 62—Paragraph 359; read:
Subpart K—Cordell Bank National Marine Sanctuary

§922.110 Boundary.

The Cordell Bank National Marine Sanctuary (Sanctuary) boundary encompasses a total area of approximately 399 square nautical miles (nmi) of ocean waters, and submerged lands thereunder, off the northern coast of California approximately 50 miles west-northwest of San Francisco, California. The Sanctuary boundary extends westward (approximately 250 degrees) from the northwestern most point of the Gulf of the Farallones National Marine Sanctuary (GFNMS) to the 1,000 fathom isobath northwest of Cordell Bank. The Sanctuary boundary then generally follows this isobath in a southerly direction to the westernmost point of the GFNMS boundary. The Sanctuary boundary then follows the GFNMS boundary again to the northwestern corner of the GFNMS. (Reference NOS Chart 18640).

§922.111 Definitions.

In addition to the definitions found in §922.3, the following definitions apply to this subpart:

Clean means not containing detectable levels of harmful matter.

Cruise ship means a vessel with 250 or more passenger berths for hire.

Harmful matter means any substance, or combination of substances, that because of its quantity, concentration, or physical, chemical, or infectious characteristics may pose a present or potential threat to Sanctuary resources or qualities, including but not limited to: fishing nets, fishing line, hooks, fuel, oil, and those contaminants (regardless of quantity) listed pursuant to 42 U.S.C.

Introduced species means any species (including, but not limited to, any of its biological matter capable of propagation) that is non-native to the ecosystems of the Sanctuary; or any organism into which altered genetic matter, or genetic matter from another species, has been transferred in order that the host organism acquires the genetic traits of the transferred genes.

§922.112 Prohibited or otherwise regulated activities.

(a) The following activities are prohibited and thus are unlawful for any person to conduct or to cause to be conducted within the Sanctuary:

(1)(i) Discharging or depositing from within or into the Sanctuary, other than from a cruise ship, any material or other matter except:

(A) Fish, fish parts, or chumming materials (bait), used in or resulting from lawful fishing activity within the Sanctuary, provided that such discharge or deposit is during the conduct of lawful fishing activity within the Sanctuary;

(B) For a vessel less than 300 gross registered tons (GRT), or a vessel 300 GRT or greater without sufficient holding tank capacity to hold sewage while within the Sanctuary, clean effluent generated incidental to vessel use and generated by an operable Type I or II marine sanitation device (U.S. Coast Guard classification) approved in accordance with section 312 of the Federal Water Pollution Control Act, as amended, (FWPCA), 33 U.S.C. 1322. Vessel operators must lock all marine sanitation devices in a manner that prevents discharge or deposit of untreated sewage;

(C) Clean vessel deck wash down, clean vessel engine cooling water, clean vessel generator cooling water, clean bilge water, or anchor wash; or

(D) Vessel engine or generator exhaust.

(ii) Discharging or depositing, from within or into the Sanctuary, any material or other matter from a cruise ship except clean vessel engine cooling water, clean vessel generator cooling water, clean bilge water, or anchor wash.

(iii) Discharging or depositing, from beyond the boundary of the Sanctuary, any material or other matter that subsequently enters the Sanctuary and injures a Sanctuary resource or quality, except as listed in paragraphs (a)(1)(i) and (a)(1)(ii) of this section.

(2) On or within the line representing the 50-fathom isobath surrounding Cordell Bank, removing, taking, or injuring or attempting to remove, take, or injure benthic invertebrates or algae located on Cordell Bank. This prohibition does not apply to use of bottom contact gear used during fishing activities, which is prohibited pursuant to 50 CFR part 660 (Fisheries off West Coast States). (Reference NOS Chart 18645). There is a rebuttable presumption that any such resource found in the possession of a person within the Sanctuary was taken or removed by that person.

(3) Exploring for, or developing or producing, oil, gas, or minerals in any area of the Sanctuary.

(4)(i) On or within the line representing the 50-fathom isobath surrounding Cordell Bank, drilling into, dredging, or otherwise altering the submerged lands; or constructing, placing, or abandoning any structure, material or other

matter on or in the submerged lands. This prohibition does not apply to use of bottom contact gear used during fishing activities, which is prohibited pursuant to 50 CFR part 660 (Fisheries off West Coast States). (Reference NOS Chart 18645).

(ii) In the Sanctuary beyond the line representing the 50-fathom isobath surrounding Cordell Bank, drilling into, dredging, or otherwise altering the submerged lands; or constructing, placing, or abandoning any structure, material or matter on the submerged lands except as incidental and necessary for anchoring any vessel or lawful use of any fishing gear during normal fishing activities. (Reference NOS Chart 18645).

(5) Taking any marine mammal, sea turtle, or bird within or above the Sanctuary, except as authorized by the Marine Mammal Protection Act, as amended, (MMPA), 16 U.S.C. 1361 et seq., Endangered Species Act, as amended, (ESA), 16 U.S.C. 1531 et seq., Migratory Bird Treaty Act, as amended, (MBTA), 16 U.S.C. 703 et seq., or any regulation, as amended, promulgated under the MMPA, ESA, or MBTA.

(6) Possessing within the Sanctuary (regardless of where taken, moved or removed from), any marine mammal, sea turtle or bird taken, except as authorized by the MMPA, ESA, MBTA, by any regulation, as amended, promulgated under the MMPA, ESA, or MBTA, or as necessary for valid law enforcement purposes.

(7) Introducing or otherwise releasing from within or into the Sanctuary an introduced species, except striped bass (*Morone saxatilis*) released during catch and release fishing activity.

(b) The prohibitions in paragraph (a) of this section do not apply to activities necessary to respond to an emergency threatening life, property or the environment, or except as may be permitted by the Director in accordance with §922.48 and §922.113.

(c) All activities being carried out by the Department of Defense (DOD) within the Sanctuary on the effective date of designation that are necessary for national defense are exempt from the prohibitions contained in the regulations in this subpart. Additional DOD activities initiated after the effective date of designation that are necessary for national defense will be exempted by the Director after consultation between the Department of Commerce and DOD. DOD activities not necessary for national defense, such as routine exercises and vessel operations, are subject to all prohibitions contained in the regulations in this subpart.

(d) Where necessary to prevent immediate, serious, and irreversible damage to a Sanctuary resource, any activity may be regulated within the limits of the Act on an emergency basis for no more than 120 days.

§922.113 Permit procedures and issuance criteria.

(a) A person may conduct an activity prohibited by §922.112 if such activity is specifically authorized by, and conducted in accordance with the scope, purpose, terms and conditions of, a permit issued under §922.48 and this section.

(b) The Director, at his or her discretion, may issue a national marine sanctuary permit under this section, subject to terms and conditions, as he or she deems appropriate, if the Director finds that the activity will:

- (1) Further research or monitoring related to Sanctuary resources and qualities;
- (2) Further the educational value the Sanctuary;
- (3) Further salvage or recovery operations in or near the Sanctuary in connection with a recent air or marine casualty; or
- (4) Assist in managing the Sanctuary.

(c) In deciding whether to issue a permit, the Director shall consider such factors as:

- (1) The applicant is qualified to conduct and complete the proposed activity;
- (2) The applicant has adequate financial resources available to conduct and complete the proposed activity;
- (3) The methods and procedures proposed by the applicant are appropriate to achieve the goals of the proposed activity, especially in relation to the potential effects of the proposed activity on Sanctuary resources and qualities;
- (4) The proposed activity will be conducted in a manner compatible with the primary objective of protection of Sanctuary resources and qualities, considering the extent to which the conduct of the activity may diminish or enhance Sanctuary resources and qualities, any potential indirect, secondary or cumulative effects of the activity, and the duration of such effects;
- (5) The proposed activity will be conducted in a manner compatible with the value of the Sanctuary, considering the extent to which the conduct of the activity may result in conflicts between different users of the Sanctuary, and the duration of such effects;
- (6) It is necessary to conduct the proposed activity within the Sanctuary;
- (7) The reasonably expected end value of the proposed activity to the furtherance of Sanctuary goals and purposes outweighs any potential adverse effects on Sanctuary resources and qualities from the conduct of the activity; and
- (8) Any other factors as the Director deems appropriate.

(d) Applications.

(1) Applications for permits should be addressed to the Director, Office of National Marine Sanctuaries; ATTN: Superintendent, Cordell Bank National Marine Sanctuary, P.O. Box 159, Olema, CA 94950.

(2) In addition to the information listed in §922.48(b), all applications must include information to be considered by the Director in paragraph (b) and (c) of this section.

(e) The permittee must agree to hold the United States harmless against any claims arising out of the conduct of the permitted activities.

Subpart M—Monterey Bay National Marine Sanctuary

§922.130 Boundary.

The Monterey Bay National Marine Sanctuary (Sanctuary) consists of two separate areas.

(a) The first area consists of an area of approximately 4,016 square nautical miles (nmi) of coastal and ocean waters, and submerged lands thereunder, in and surrounding Monterey Bay off the central coast of California. The northern terminus of the Sanctuary boundary is located along the southern boundary of the Gulf of the Farallones National Marine Sanctuary (GFNMS) beginning at Rocky Point just south of Stinson Beach in Marin County. The Sanctuary boundary follows the GFNMS boundary westward to a point approximately 29 nmi offshore from Moss Beach in San Mateo County. The Sanctuary boundary then extends southward in a series of arcs, which generally follow the 500 fathom isobath, to a point approximately 27 nmi offshore of Cambria, in San Luis Obispo County. The Sanctuary boundary then extends eastward towards shore until it intersects the Mean High Water Line (MHWL) along the coast near Cambria. The Sanctuary boundary then follows the MHWL northward to the northern terminus at Rocky Point. The shoreward Sanctuary boundary excludes a small area between Point Bonita and Point San Pedro. Pillar Point Harbor, Santa Cruz Harbor, Monterey Harbor, and Moss Landing Harbor are all excluded from the Sanctuary except for Moss Landing Harbor, where all of Elkhorn Slough east of the Highway One bridge, and west of the tide gate at Elkhorn Road and toward the center channel from the MHWL is included within the Sanctuary, excluding areas within the Elkhorn Slough National Estuarine Research Reserve. (Reference NOS Charts 18680 and 18700).

(b) The Davidson Seamount Management Zone is also part of the Sanctuary. This area, bounded by geodetic lines connecting a rectangle centered on the top of the Davidson Seamount, consists of approximately 585 square nmi of ocean waters and the submerged lands thereunder. The shoreward boundary of this portion of the Sanctuary is located approximately 65 nmi off the coast of San Simeon in

San Luis Obispo County. Exact coordinates for the Davidson Seamount Management Zone boundary are provided in Appendix F to this subpart.

§922.131 Definitions.

In addition to those definitions found at 15 CFR 922.3, the following definitions apply to this subpart:

Attract or attracting means the conduct of any activity that lures or may lure any animal by using food, bait, chum, dyes, decoys, acoustics, or any other means, except the mere presence of human beings (e.g., swimmers, divers, boaters, kayakers, surfers).

Clean means not containing detectable levels of harmful matter.

Cruise ship means a vessel with 250 or more passenger berths for hire.

Davidson Seamount Management Zone means the area bounded by geodetic lines connecting a rectangle centered on the top of the Davidson Seamount, and consists of approximately 585 square nmi of ocean waters and the submerged lands thereunder. The shoreward boundary of this portion of the Sanctuary is located approximately 65 nmi off the coast of San Simeon in San Luis Obispo County. Exact coordinates for the Davidson Seamount Management Zone boundary are provided in Appendix F to this subpart.

Deserting means leaving a vessel aground or adrift without notification to the Director of the vessel going aground or becoming adrift within 12 hours of its discovery and developing and presenting to the Director a preliminary salvage plan within 24 hours of such notification, after expressing or otherwise manifesting intention not to undertake or to cease salvage efforts, or when the owner/operator cannot after reasonable efforts by the Director be reached within 12 hours of the vessel's condition being reported to authorities; or leaving a vessel at anchor when its condition creates potential for a grounding, discharge, or deposit and the owner/operator fails to secure the vessel in a timely manner.

Federal Project means any water resources development project conducted by the U.S. Army Corps of Engineers or operating under a permit or other authorization issued by the Corps of Engineers and authorized by Federal law.

Hand tool means a hand-held implement, utilized for the collection of jade pursuant to 15 CFR 922.132(a)(1), that is no greater than 36 inches in length and has no moving parts (e.g., dive knife, pry bar, or abalone iron). Pneumatic, mechanical, electrical, hydraulic, or explosive tools are, therefore, examples of what does not meet this definition.

Harmful matter means any substance, or combination of substances, that because of its quantity, concentration, or physical, chemical, or infectious characteristics may pose a present or potential threat to Sanctuary resources or qualities, including but not limited to: Fishing nets, fishing line, hooks, fuel, oil, and those contaminants (regardless of quantity) listed pursuant to 42 U.S.C. 9601(14) of the Comprehensive Environmental Response, Compensation and Liability Act at 40 CFR 302.4.

Introduced species means: Any species (including but not limited to any of its biological matter capable of propagation) that is non-native to the ecosystems of the Sanctuary; or any organism into which altered genetic matter, or genetic matter from another species, has been transferred in order that the host organism acquires the genetic traits of the transferred genes.

Motorized personal watercraft (MPWC) means any vessel, propelled by machinery, that is designed to be operated by standing, sitting, or kneeling on, astride, or behind the vessel, in contrast to the conventional manner, where the operator stands or sits inside the vessel; any vessel less than 20 feet in length overall as manufactured and propelled by machinery and that has been exempted from compliance with the U.S. Coast Guard's Maximum Capacities Marking for Load Capacity regulation found at 33 CFR Parts 181 and 183, except submarines; or any other vessel that is less than 20 feet in length overall as manufactured, and is propelled by a water jet pump or drive.

§922.132 Prohibited or otherwise regulated activities.

(a) Except as specified in paragraphs (b) through (e) of this section, the following activities are prohibited and thus are unlawful for any person to conduct or to cause to be conducted:

(1) Exploring for, developing, or producing oil, gas, or minerals within the Sanctuary, except: Jade may be collected (meaning removed) from the area bounded by the 35.92222 N latitude parallel (coastal reference point: Beach access stairway at south Sand Dollar Beach), the 35.88889 N latitude parallel (coastal reference point: Westernmost tip of Cape San Martin), and from the mean high tide line seaward to the 90-foot isobath (depth line) (the "authorized area") provided that:

(i) Only jade already loose from the submerged lands of the Sanctuary may be collected;

(ii) No tool may be used to collect jade except:

(A) A hand tool (as defined at 15 CFR 922.131) to maneuver or lift the jade or scratch the surface of a stone as necessary to determine if it is jade;

(B) A lift bag or multiple lift bags with a combined lift capacity of no more than two hundred pounds; or

(C) A vessel (except for motorized personal watercraft) (see paragraph (a)(7) of this section) to provide access to the authorized area;

(iii) Each person may collect only what that person individually carries; and

(iv) For any loose piece of jade that cannot be collected under paragraphs (a)(1) (ii) and (iii) of this section, any person may apply for a permit to collect such a loose piece by following the procedures in 15 CFR 922.133.

(2)(i) Discharging or depositing from within or into the Sanctuary, other than from a cruise ship, any material or other matter, except:

(A) Fish, fish parts, chumming materials, or bait used in or resulting from lawful fishing activities within the Sanctuary, provided that such discharge or deposit is during the conduct of lawful fishing activities within the Sanctuary;

(B) For a vessel less than 300 gross registered tons (GRT), or a vessel 300 GRT or greater without sufficient holding tank capacity to hold sewage while within the Sanctuary, clean effluent generated incidental to vessel use by an operable Type I or II marine sanitation device (U.S. Coast Guard classification) approved in accordance with section 312 of the Federal Water Pollution Control Act, as amended (FWPCA), 33 U.S.C. 1322. Vessel operators must lock all marine sanitation devices in a manner that prevents discharge or deposit of untreated sewage;

(C) Clean vessel deck wash down, clean vessel engine cooling water, clean vessel generator cooling water, clean bilge water, or anchor wash;

(D) For a vessel less than 300 gross registered tons (GRT), or a vessel 300 GRT or greater without sufficient holding capacity to hold graywater while within the Sanctuary, clean graywater as defined by section 312 of the FWPCA;

(E) Vessel engine or generator exhaust; or

(F) Dredged material deposited at disposal sites authorized by the U.S. Environmental Protection Agency (EPA) (in consultation with the U.S. Army Corps of Engineers (COE)) prior to the effective date of Sanctuary designation (January 1, 1993), provided that the activity is pursuant to, and complies with the terms and conditions of, a valid Federal permit or approval existing on January 1, 1993. Authorized disposal sites within the Sanctuary are described in Appendix C to this subpart.

(ii) Discharging or depositing from within or into the Sanctuary any material or other matter from a cruise ship except clean vessel engine cooling water, clean vessel generator cooling water, clean bilge water, or anchor wash.

(iii) Discharging or depositing from beyond the boundary of the Sanctuary any material or other matter that subsequently enters the Sanctuary and injures a Sanctuary resource or quality, except those listed in paragraphs (a)(2)(i)(A) through (E) and (a)(2)(ii) of this section and dredged material deposited at the authorized disposal sites, described in Appendix D to this subpart, provided that the dredged material disposal is pursuant to, and complies with the terms and conditions of, a valid Federal permit or approval.

(3) Possessing, moving, removing, or injuring, or attempting to possess, move, remove, or injure, a Sanctuary historical resource. This prohibition does not apply to, moving, removing, or injury resulting incidentally from kelp harvesting, aquaculture, or lawful fishing activities.

(4) Drilling into, dredging, or otherwise altering the submerged lands of the Sanctuary; or constructing, placing, or abandoning any structure, material, or other matter on or in the submerged lands of the Sanctuary, except as incidental and necessary to:

- (i) Conduct lawful fishing activities;
- (ii) Anchor a vessel;
- (iii) Conduct aquaculture or kelp harvesting;
- (iv) Install an authorized navigational aid;
- (v) Conduct harbor maintenance in an area necessarily associated with a Federal Project in existence on January 1, 1993, including dredging of entrance channels and repair, replacement, or rehabilitation of breakwaters and jetties;

(vi) Construct, repair, replace, or rehabilitate a dock or pier; or

(vii) Collect jade pursuant to paragraph (a)(1) of this section, provided that there is no constructing, placing, or abandoning any structure, material, or other matter on or in the submerged lands of the Sanctuary, other than temporary placement of an authorized hand tool as provided in paragraph (a)(1) of this section. The exceptions listed in paragraphs (a)(4)(ii) through (a)(4)(vii) of this section do not apply within the Davidson Seamount Management Zone.

(5) Taking any marine mammal, sea turtle, or bird within or above the Sanctuary, except as authorized by the Marine Mammal Protection Act, as amended, (MMPA), 16 U.S.C. 1361 et seq., Endangered Species Act, as amended, (ESA), 16 U.S.C. 1531 et seq., Migratory Bird Treaty Act, as amended, (MBTA), 16 U.S.C. 703 et seq.,

or any regulation, as amended, promulgated under the MMPA, ESA, or MBTA.

(6) Flying motorized aircraft, except as necessary for valid law enforcement purposes, at less than 1,000 feet above any of the four zones within the Sanctuary described in Appendix B to this subpart.

(7) Operating motorized personal watercraft within the Sanctuary except within the five designated zones and access routes within the Sanctuary described in Appendix E to this subpart. Zone Five (at Pillar Point) exists only when a High Surf Warning has been issued by the National Weather Service and is in effect for San Mateo County, and only during December, January, and February.

(8) Possessing within the Sanctuary (regardless of where taken, moved, or removed from), any marine mammal, sea turtle, or bird, except as authorized by the MMPA, ESA, MBTA, by any regulation, as amended, promulgated under the MMPA, ESA, or MBTA, or as necessary for valid law enforcement purposes.

(9) Deserting a vessel aground, at anchor, or adrift in the Sanctuary.

(10) Leaving harmful matter aboard a grounded or deserted vessel in the Sanctuary.

(11)(i) Moving, removing, taking, collecting, catching, harvesting, disturbing, breaking, cutting, or otherwise injuring, or attempting to move, remove, take, collect, catch, harvest, disturb, break, cut, or otherwise injure, any Sanctuary resource located more than 3,000 feet below the sea surface within the Davidson Seamount Management Zone. This prohibition does not apply to fishing below 3,000 feet within the Davidson Seamount Management Zone, which is prohibited pursuant to 50 CFR part 660 (Fisheries off West Coast States).

(ii) Possessing any Sanctuary resource the source of which is more than 3,000 feet below the sea surface within the Davidson Seamount Management Zone. This prohibition does not apply to possession of fish resulting from fishing below 3,000 feet within the Davidson Seamount Management Zone, which is prohibited pursuant to 50 CFR part 660 (Fisheries off West Coast States).

(12) Introducing or otherwise releasing from within or into the Sanctuary an introduced species, except striped bass (*Morone saxatilis*) released during catch and release fishing activity.

(13) Attracting any white shark within the Sanctuary.

(14) Interfering with, obstructing, delaying, or preventing an investigation, search, seizure, or disposition of seized property in connection with enforcement of the Act or any regulation or permit issued under the Act.

(b) The prohibitions in paragraphs (a)(2) through (11) of this section do not apply to an activity necessary to respond to an emergency threatening life, property, or the environment.

(c)(1) All Department of Defense activities must be carried out in a manner that avoids to the maximum extent practicable any adverse impacts on Sanctuary resources and qualities. The prohibitions in paragraphs (a)(2) through (12) of this section do not apply to existing military activities carried out by the Department of Defense, as specifically identified in the Final Environmental Impact Statement and Management Plan for the Proposed Monterey Bay National Marine Sanctuary (NOAA, 1992). (Copies of the FEIS/MP are available from the Monterey Bay National Marine Sanctuary, 299 Foam Street, Monterey, CA 93940.) For purposes of the Davidson Seamount Management Zone, these activities are listed in the 2008 Final Environmental Impact Statement. New activities may be exempted from the prohibitions in paragraphs (a)(2) through (12) of this section by the Director after consultation between the Director and the Department of Defense.

(2) In the event of destruction of, loss of, or injury to a Sanctuary resource or quality resulting from an incident, including but not limited to discharges, deposits, and groundings, caused by a Department of Defense activity, the Department of Defense, in coordination with the Director, must promptly prevent and mitigate further damage and must restore or replace the Sanctuary resource or quality in a manner approved by the Director.

(d) The prohibitions in paragraph (a)(1) of this section as it pertains to jade collection in the Sanctuary, and paragraphs (a)(2) through (11) and (a)(13) of this section, do not apply to any activity conducted under and in accordance with the scope, purpose, terms, and conditions of a National Marine Sanctuary permit issued pursuant to 15 CFR 922.48 and 922.133 or a Special Use permit issued pursuant to section 310 of the Act.

(e) The prohibitions in paragraphs (a)(2) through (a)(8) of this section do not apply to any activity authorized by any lease, permit, license, approval, or other authorization issued after the effective date of Sanctuary designation (January 1, 1993) and issued by any Federal, State, or local authority of competent jurisdiction, provided that the applicant complies with 15 CFR 922.49, the Director notifies the applicant and authorizing agency that he or she does not object to issuance of the authorization, and the applicant complies with any terms and conditions the Director deems necessary to protect Sanctuary resources and qualities. Amendments, renewals, and extensions of authorizations in existence on the effective date of designation constitute authorizations issued after the effective date of Sanctuary designation.

(f) Notwithstanding paragraphs (d) and (e) of this section, in no event may the Director issue a National Marine Sanctuary permit under 15 CFR 922.48 and 922.133 or a Special Use permit under section 310 of the Act authorizing, or otherwise approve: the exploration for, development, or production of oil, gas, or minerals within the Sanctuary, except for the collection of jade pursuant to paragraph (a)(1) of this section; the discharge of primary-treated sewage within the Sanctuary (except by certification, pursuant to 15 CFR 922.47, of valid authorizations in existence on January 1, 1993 and issued by other authorities of competent jurisdiction); or the disposal of dredged material within the Sanctuary other than at sites authorized by EPA (in consultation with COE) prior to January 1, 1993. Any purported authorizations issued by other authorities within the Sanctuary shall be invalid.

§922.133 Permit procedures and criteria.

(a) A person may conduct an activity prohibited by §922.132(a)(1) as it pertains to jade collection in the Sanctuary, §922.132(a)(2) through (11), and §922.132(a)(13), if such activity is specifically authorized by, and conducted in accordance with the scope, purpose, terms, and conditions of, a permit issued under this section and 15 CFR 922.48.

(b) The Director, at his or her sole discretion, may issue a permit, subject to terms and conditions as he or she deems appropriate, to conduct an activity prohibited by §922.132(a)(1) as it pertains to jade collection in the Sanctuary, §922.132(a)(2) through (11), and §922.132(a)(13), if the Director finds that the activity will have at most short-term and negligible adverse effects on Sanctuary resources and qualities and:

(1) Is research designed to further understanding of Sanctuary resources and qualities;

(2) Will further the educational, natural, or historical value of the Sanctuary;

(3) Will further salvage or recovery operations within or near the Sanctuary in connection with a recent air or marine casualty;

(4) Will assist in managing the Sanctuary;

(5) Will further salvage or recovery operations in connection with an abandoned shipwreck in the Sanctuary title to which is held by the State of California; or

(6) Will allow the removal, without the use of pneumatic, mechanical, electrical, hydraulic or explosive tools, of loose jade from the Jade Cove area under §922.132(a)(1)(iv).

(c) In deciding whether to issue a permit, the Director shall consider such factors as:

(1) Will the activity be conducted by an applicant that is professionally qualified to conduct and complete the activity;

(2) Will the activity be conducted by an applicant with adequate financial resources available to conduct and complete the activity;

(3) Is the activity proposed for no longer than necessary to achieve its stated purpose;

(4) Must the activity be conducted within the Sanctuary;

(5) Will the activity be conducted using methods and procedures that are appropriate to achieve the goals of the proposed activity, especially in relation to the potential effects of the proposed activity on Sanctuary resources and qualities;

(6) Will the activity be conducted in a manner compatible with the primary objective of protection of Sanctuary resources and qualities, considering the extent to which the conduct of the activity may diminish or enhance Sanctuary resources and qualities, any potential indirect, secondary, or cumulative effects of the activity, and the duration of such effects;

(7) Will the activity be conducted in a manner compatible with the value of the Sanctuary as a source of recreation and as a source of educational and scientific information, considering the extent to which the conduct of the activity may result in conflicts between different users of the Sanctuary and the duration of such effects; and

(8) Does the reasonably expected end value of the activity to the furtherance of the Sanctuary goals and objectives outweigh any potential adverse effects on Sanctuary resources and qualities from the conduct of the activity.

(d) For jade collection, preference will be given for applications proposing to collect loose pieces of jade for research or educational purposes.

(e) The Director may consider such other factors as he or she deems appropriate.

(f) Applications.

(1) Applications for permits should be addressed to the Director, Office of National Marine Sanctuaries; ATTN: Superintendent, Monterey Bay National Marine Sanctuary, 299 Foam Street, Monterey, CA 93940.

(2) In addition to the information listed in 15 CFR 922.48(b), all applications must include information the Director needs to make the findings in paragraph (b) of this section and information to be considered by the Director pursuant to paragraph (c) of this section.

(g) In addition to any other terms and conditions that the Director deems appropriate, a permit issued pursuant to this section must require that the permittee agree to hold the

United States harmless against any claims arising out of the conduct of the permitted activities.

§922.134 Notification and review.

(a) [Reserved]

(b)(1) NOAA has entered into a Memorandum of Agreement (MOA) with the State of California, EPA, and the Association of Monterey Bay Area Governments regarding the Sanctuary regulations relating to water quality within State waters within the Sanctuary.

With regard to permits, the MOA encompasses:

(i) National Pollutant Discharge Elimination System (NPDES) permits issued by the State of California under section 13377 of the California Water Code; and

(ii) Waste Discharge Requirements issued by the State of California under section 13263 of the California Water Code.

(2) The MOA specifies how the process of 15 CFR 922.49 will be administered within State waters within the Sanctuary in coordination with the State permit program.

Appendix B to Subpart M of Part 922—Zones Within the Sanctuary Where Overflights Below 1,000 Feet are Prohibited

The four zones are:

(1) From mean high water out to three miles between a line extending from Point Santa Cruz on a southwesterly heading bearing of 220° true and a line extending from 2 miles north of Pescadero Point on a southwesterly heading bearing of 240° true.

(2) From mean high water out to three miles between a line extending from the Carmel River mouth on a westerly heading bearing of 270° true and a line extending due west along latitude 35°33'17.6"N off of Cambria;

(3) From mean high water and within a five mile arc drawn from a center point at the end of Moss Landing Pier as it appeared on the most current NOAA nautical charts as of January 1, 1993; and

(4) Over the waters of Elkhorn Slough east of the Highway One bridge to Elkhorn Road.

Appendix C to Subpart M of Part 922—Dredged Material Disposal Sites Within the Sanctuary

Point No.	Latitude north	Longitude west
Santa Cruz Harbor/Twin Lakes Dredge Disposal Site		
1	36°57'45.0"	122°00'02.0"
2	36°57'45.0"	121°59'55.0"
3	36°57'41.0"	121°59'54.0"
4	36°57'41.0"	122°00'03.0"
SF-12 Dredge Disposal Site		
1	36°48'07.5"	121°47'31.5"
2	36°48'05.7"	121°47'31.8"
3	36°48'06.2"	121°47'35.7"
4	36°48'08.8"	121°47'34.6"
SF-14 Dredge Disposal Site (circle with 500 yard radius)		
1	36°47'52.8"	121°49'08.7"
Monterey Harbor/Wharf II Dredge Disposal Site		
1	36°36'10.7"	121°53'21.9"
2	36°36'10.2"	121°53'16.3"
3	36°36'03.3"	121°53'17.7"
4	36°36'04.3"	121°53'23.2"

Appendix D to Subpart M of Part 922—Dredged Material Disposal Sites Adjacent to the Monterey Bay National Marine Sanctuary

As of January 1, 1993, the U.S. Army Corps of Engineers operates the following dredged material disposal site adjacent to the Sanctuary off of the Golden Gate:

Point No.	Latitude north	Longitude west
1	37°45'52.5"	122°34'08.4"
2	37°44'58.7"	122°37'22.1"
3	37°44'29.5"	122°37'09.6"
4	37°45'24.4"	122°33'53.4"
5	37°45'52.5"	122°34'08.4"

Appendix E to Subpart M of Part 922—Motorized Personal Watercraft Zones and Access Routes within the Sanctuary

The five zones and access routes are:

(1) The approximately one (1) NM² area off Pillar Point Harbor from harbor launch ramps, through harbor entrance to the northern boundary of Zone One:

- (a) 37°29'38.2"N., 122°29'05.2"W. (flashing 5-second breakwater entrance light and horn located at the seaward end of the outer west breakwater);
- (b) 37°28'48.0"N., 122°29'00.0"W. (bell buoy);
- (c) 37°28'48.0"N., 122°28'00.0"W.
- (d) 37°29'36.0"N., 122°28'00.0"W.

(2) The approximately five (5) NM² area off of Santa Cruz Small Craft Harbor from harbor launch ramps, through harbor entrance, and then along a 100 yard wide access route southwest along a true bearing of approximately 196° true (180° magnetic) to the whistle buoy at 36°56'18"N., 122°00'36"W. Zone Two is bounded by:

- (a) 36°55'00.0"N., 122°02'00.0"W.
- (b) 36°55'00.0"N., 121°58'00.0"W.
- (c) 36°56'30.0"N., 121°58'00.0"W.
- (d) 36°56'30.0"N., 122°02'00.0"W.

(3) The approximately six (6) NM² area off of Moss Landing Harbor from harbor launch ramps, through harbor entrance, and then along a 100 yard wide access route west along a bearing of approximately 270° true (255° magnetic) due west to the eastern boundary of Zone Three bounded by:

- (a) 36°50'00.0"N., 121°49'18.0"W.
- (b) 36°50'00.0"N., 121°50'48.0"W.
- (c) 36°46'42.0"N., 121°50'48.0"W.
- (d) 36°46'42.0"N., 121°49'00.0"W.
- (e) 36°47'54.0"N., 121°48'06.0"W. (bell buoy)
- (f) 36°48'54.0"N., 121°48'12.0"W.

(4) The approximately five (5) NM² area off of Monterey Harbor from harbor launch ramps to the seaward end of the U.S. Coast Guard Pier, and then along a 100 yard wide access route due north to the southern boundary of Zone Four bounded by:

- (a) 36°38'42.0"N., 121°55'24.0"W.
- (b) 36°36'54.0"N., 121°52'30.0"W.
- (c) 36°38'18.0"N., 121°51'18.0"W.
- (d) 36°40'00.0"N., 121°54'24.0"W.

(5) The approximately one-tenth (0.1) NM² area near Pillar Point from Pillar Point Harbor entrance along a 100 yard wide access route southeast along a true bearing of approximately 174° true (159° magnetic) to the bell buoy (identified as “Buoy 3”) at 37°28'53.5"N., 122°28'53.6"W. and then along a 100 yard wide access route northwest along a true bearing of approximately 284° true (269° magnetic) to the gong buoy (identified as “Buoy 1”) at 37°29'10.5"N., 122°30'21.7"W., the southwest boundary of Zone Five. Zone Five exists only when a High Surf Warning has been issued by the National Weather Service and is in effect for San Mateo County and only during December, January, and February. Zone Five is bounded by:

- (a) 37°29'10.5"N., 122°30'21.7"W.; gong buoy
- (b) 37°29'35.0"N., 122°30'21.7"W.
- (c) 37°29'35.0"N., 122°30'03.8"W.; sail rock
- (d) 37°29'10.5"N., 122°30'03.8"W.

Appendix F to Subpart M of Part 922—Davidson Seamount Management Zone

Point No.	Latitude north	Longitude west
1	35°54'00.0"	123°00'00.0"
2	35°54'00.0"	122°30'00.0"
3	35°30'00.0"	122°30'00.0"
4	35°30'00.0"	123°00'00.0"

(FR 11/10/08)

11/09

COAST PILOT 7 41 Ed 2009 Change No. 9
 Page 52—Paragraph 184 to Page 54—Paragraph 223; read:
Subpart H—Gulf of the Farallones National Marine Sanctuary

§922.80 Boundary.

The Gulf of the Farallones National Marine Sanctuary (Sanctuary) boundary encompasses a total area of approximately 966 square nautical miles (nmi) of coastal and ocean waters, and submerged lands thereunder, surrounding the Farallon Islands (and Noonday Rock) off the northern coast of California. The northernmost extent of the Sanctuary boundary is a geodetic line extending westward from Bodega Head approximately 6 nmi to the northern boundary of the Cordell Bank National Marine Sanctuary (CBNMS). The Sanctuary boundary then turns southward to a point approximately 6 nmi off Point Reyes, California, where it then turns westward again out towards the 1,000-fathom isobath. The Sanctuary boundary then extends in a southerly direction ad-

acent to the 1,000-fathom isobath until it intersects the northern extent of the Monterey Bay National Marine Sanctuary (MBNMS). The Sanctuary boundary then follows the MBNMS boundary eastward and northward until it intersects the Mean High Water Line at Rocky Point, California. The Sanctuary boundary then follows the MHWL north until it intersects the Point Reyes National Seashore (PRNS) boundary. The Sanctuary boundary then approximates the PRNS boundary, as established at the time of designation of the Sanctuary, to the intersection of the PRNS boundary and the MHWL in Tomales Bay. The Sanctuary boundary then follows the MHWL up Tomales Bay and Lagunitas Creek to the Route 1 Bridge where the Sanctuary boundary crosses the Lagunitas Creek and follows the MHWL until it intersects its northernmost extent near Bodega Head. The Sanctuary boundary includes Bolinas Lagoon, Estero de San Antonio (to the tide gate at Valley Ford Franklin School Road) and Estero Americano (to the bridge at Valley Ford Estero Road), as well as Bodega Bay, but not Bodega Harbor. Where the Sanctuary boundary crosses a waterway, the Sanctuary boundary excludes these waterways shoreward of the Sanctuary boundary line delineated by the coordinates provided. (Reference NOS Charts 18680 and 18640).

§922.81 Definitions.

In addition to those definitions found at §922.3, the following definitions apply to this subpart:

Areas of Special Biological Significance (ASBS) are those areas designated by California's State Water Resources Control Board as requiring protection of species or biological communities to the extent that alteration of natural water quality is undesirable. ASBS are a subset of State Water Quality Protection Areas established pursuant to California Public Resources Code section 36700 et seq.

Attract or attracting means the conduct of any activity that lures or may lure any animal in the Sanctuary by using food, bait, chum, dyes, decoys (e.g., surfboards or body boards used as decoys), acoustics or any other means, except the mere presence of human beings (e.g., swimmers, divers, boaters, kayakers, surfers).

Clean means not containing detectable levels of harmful matter.

Cruise ship means a vessel with 250 or more passenger berths for hire.

Deserting means leaving a vessel aground or adrift without notification to the Director of the vessel going aground or becoming adrift within 12 hours of its discovery and developing and presenting to the Director a preliminary salvage plan within 24 hours of such notification, after expressing or otherwise manifesting intention not to undertake or to cease salvage efforts, or when the owner/oper-

ator cannot after reasonable efforts by the Director be reached within 12 hours of the vessel's condition being reported to authorities; or leaving a vessel at anchor when its condition creates potential for a grounding, discharge, or deposit and the owner/operator fails to secure the vessel in a timely manner.

Harmful matter means any substance, or combination of substances, that because of its quantity, concentration, or physical, chemical, or infectious characteristics may pose a present or potential threat to Sanctuary resources or qualities, including but not limited to: fishing nets, fishing line, hooks, fuel, oil, and those contaminants (regardless of quantity) listed pursuant to 42 U.S.C. 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act at 40 CFR 302.4.

Introduced species means any species (including, but not limited to, any of its biological matter capable of propagation) that is non-native to the ecosystems of the Sanctuary; or any organism into which altered genetic matter, or genetic matter from another species, has been transferred in order that the host organism acquires the genetic traits of the transferred genes.

Motorized personal watercraft means a vessel which uses an inboard motor powering a water jet pump as its primary source of motive power and which is designed to be operated by a person sitting, standing, or kneeling on the vessel, rather than the conventional manner of sitting or standing inside the vessel.

Routine maintenance means customary and standard procedures for maintaining docks or piers.

Seagrass means any species of marine angiosperms (flowering plants) that inhabit portions of the submerged lands in the Sanctuary. Those species include, but are not limited to: *Zostera asiatica* and *Zostera marina*.

§922.82 Prohibited or otherwise regulated activities.

(a) The following activities are prohibited and thus are unlawful for any person to conduct or to cause to be conducted within the Sanctuary:

(1) Exploring for, developing, or producing oil or gas except that pipelines related to hydrocarbon operations adjacent to the Sanctuary may be placed at a distance greater than 2 nmi from the Farallon Islands, Bolinas Lagoon and Areas of Special Biological Significance (ASBS) where certified to have no significant effect on Sanctuary resources in accordance with §922.84.

(2) Discharging or depositing from within or into the Sanctuary, other than from a cruise ship, any material or other matter except:

(i) Fish, fish parts, or chumming materials (bait) used in or resulting from lawful fishing activity within

the Sanctuary, provided that such discharge or deposit is during the conduct of lawful fishing activity within the Sanctuary;

(ii) For a vessel less than 300 gross registered tons (GRT), or a vessel 300 GRT or greater without sufficient holding tank capacity to hold sewage while within the Sanctuary, clean effluent generated incidental to vessel use by an operable Type I or II marine sanitation device (U.S. Coast Guard classification) that is approved in accordance with section 312 of the Federal Water Pollution Control Act, as amended (FWPCA), 33 U.S.C. 1322. Vessel operators must lock all marine sanitation devices in a manner that prevents discharge or deposit of untreated sewage;

(iii) Clean vessel deck wash down, clean vessel engine cooling water, clean vessel generator cooling water, clean bilge water, or anchor wash; or

(iv) Vessel engine or generator exhaust.

(3) Discharging or depositing, from within or into the Sanctuary, any material or other matter from a cruise ship except clean vessel engine cooling water, clean vessel generator cooling water, clean bilge water, or anchor wash.

(4) Discharging or depositing, from beyond the boundary of the Sanctuary, any material or other matter that subsequently enters the Sanctuary and injures a Sanctuary resource or quality, except for the exclusions listed in paragraphs (a)(2)(i) through (iv) and (a)(3) of this section.

(5) Constructing any structure other than a navigation aid on or in the submerged lands of the Sanctuary; placing or abandoning any structure on or in the submerged lands of the Sanctuary; or drilling into, dredging, or otherwise altering the submerged lands of the Sanctuary in any way, except:

(i) By anchoring vessels (in a manner not otherwise prohibited by this part (see §922.82(a)(16)) ;

(ii) While conducting lawful fishing activities;

(iii) The laying of pipelines related to hydrocarbon operations in leases adjacent to the Sanctuary in accordance with paragraph (a)(1) of this section;

(iv) Routine maintenance and construction of docks and piers on Tomales Bay; or

(v) Mariculture activities conducted pursuant to a valid lease, permit, license or other authorization issued by the State of California.

(6) Operating any vessel engaged in the trade of carrying cargo within an area extending 2 nmi from the Farallon Islands, Bolinas Lagoon or any ASBS. This includes but is not limited to tankers and other bulk carriers and barges, or any vessel engaged in the trade of servicing offshore installations, except to transport persons or supplies

to or from the Islands or mainland areas adjacent to Sanctuary waters or any ASBS. In no event shall this section be construed to limit access for fishing, recreational or research vessels.

(7) Operation of motorized personal watercraft, except for the operation of motorized personal watercraft for emergency search and rescue missions or law enforcement operations (other than routine training activities) carried out by the National Park Service, U.S. Coast Guard, Fire or Police Departments or other Federal, State or local jurisdictions.

(8) Disturbing birds or marine mammals by flying motorized aircraft at less than 1,000 feet over the waters within one nmi of the Farallon Islands, Bolinas Lagoon, or any ASBS except to transport persons or supplies to or from the Islands or for enforcement purposes.

(9) Possessing, moving, removing, or injuring, or attempting to possess, move, remove or injure, a Sanctuary historical resource.

(10) Introducing or otherwise releasing from within or into the Sanctuary an introduced species, except:

(i) Striped bass (*Morone saxatilis*) released during catch and release fishing activity; or

(ii) Species cultivated by mariculture activities in Tomales Bay pursuant to a valid lease, permit, license or other authorization issued by the State of California and in effect on the effective date of the final regulation.

(11) Taking any marine mammal, sea turtle, or bird within or above the Sanctuary, except as authorized by the Marine Mammal Protection Act, as amended, (MMPA), 16 U.S.C. 1361 et seq., Endangered Species Act (ESA), as amended, 16 U.S.C. 1531 et seq., Migratory Bird Treaty Act, as amended, (MBTA), 16 U.S.C. 703 et seq., or any regulation, as amended, promulgated under the MMPA, ESA, or MBTA.

(12) Possessing within the Sanctuary (regardless of where taken, moved or removed from), any marine mammal, sea turtle, or bird taken, except as authorized by the MMPA, ESA, MBTA, by any regulation, as amended, promulgated under the MMPA, ESA, or MBTA, or as necessary for valid law enforcement purposes.

(13) Attracting a white shark in the Sanctuary; or approaching within 50 meters of any white shark within the line approximating 2 nmi around the Farallon Islands. (Reference NOS Chart 18645).

(14) Deserting a vessel aground, at anchor, or adrift in the Sanctuary.

(15) Leaving harmful matter aboard a grounded or deserted vessel in the Sanctuary.

(16) Anchoring a vessel in a designated seagrass protection zone in Tomales Bay, except as necessary for mari-

culture operations conducted pursuant to a valid lease, permit or license.

(b) All activities currently carried out by the Department of Defense within the Sanctuary are essential for the national defense and, therefore, not subject to the prohibitions in this section. The exemption of additional activities shall be determined in consultation between the Director and the Department of Defense. The coordinates for the no-anchoring seagrass protection zones are listed in Appendix C to this subpart.

(c) The prohibitions in paragraph (a) of this section do not apply to activities necessary to respond to an emergency threatening life, property, or the environment, or except as may be permitted by the Director in accordance with §922.48 and §922.83.

§922.83 Permit procedures and issuance criteria.

(a) A person may conduct an activity prohibited by §922.82 if such activity is specifically authorized by, and conducted in accordance with the scope, purpose, terms and conditions of, a permit issued under §922.48 and this section.

(b) The Director, at his or her discretion, may issue a National Marine Sanctuary permit under this section, subject to terms and conditions as he or she deems appropriate, if the Director finds that the activity will:

(1) Further research or monitoring related to Sanctuary resources and qualities;

(2) Further the educational value of the Sanctuary;

(3) Further salvage or recovery operations; or

(4) Assist in managing the Sanctuary.

(c) In deciding whether to issue a permit, the Director shall consider factors such as:

(1) The applicant is qualified to conduct and complete the proposed activity;

(2) The applicant has adequate financial resources available to conduct and complete the proposed activity;

(3) The methods and procedures proposed by the applicant are appropriate to achieve the goals of the proposed activity, especially in relation to the potential effects of the proposed activity on Sanctuary resources and qualities;

(4) The proposed activity will be conducted in a manner compatible with the primary objective of protection of Sanctuary resources and qualities, considering the extent to which the conduct of the activity may diminish or enhance Sanctuary resources and qualities, any potential indirect, secondary or cumulative effects of the activity, and the duration of such effects;

(5) The proposed activity will be conducted in a manner compatible with the value of the Sanctuary, considering the extent to which the conduct of the activity may re-

sult in conflicts between different users of the Sanctuary, and the duration of such effects;

(6) It is necessary to conduct the proposed activity within the Sanctuary;

(7) The reasonably expected end value of the proposed activity to the furtherance of Sanctuary goals and purposes outweighs any potential adverse effects on Sanctuary resources and qualities from the conduct of the activity; and

(8) Any other factors as the Director deems appropriate.

(d) Applications.

(1) Director, Office of National Marine Sanctuaries; ATTN: Superintendent, Gulf of the Farallones National Marine Sanctuary, 991 Marine Dr., The Presidio, San Francisco, CA 94129.

(2) In addition to the information listed in §922.48(b), all applications must include information to be considered by the Director in paragraph (b) and (c) of this section.

(e) The permittee must agree to hold the United States harmless against any claims arising out of the conduct of the permitted activities.

922.84 Certification of other permits.

A permit, license, or other authorization allowing: the laying of any pipeline related to hydrocarbon operations in leases adjacent to the Sanctuary and placed at a distance greater than 2 nmi from the Farallon Islands, Bolinas Lagoon, and any ASBS must be certified by the Director as consistent with the purpose of the Sanctuary and having no significant effect on Sanctuary resources. Such certification may impose terms and conditions as deemed appropriate to ensure consistency. In considering whether to make the certifications called for in this section, the Director may seek and consider the views of any other person or entity, within or outside the Federal government, and may hold a public hearing as deemed appropriate. Any certification called for in this section shall be presumed unless the Director acts to deny or condition certification within 60 days from the date that the Director receives notice of the proposed permit and the necessary supporting data. The Director may amend, suspend, or revoke any certification made under this section whenever continued operation would violate any terms or conditions of the certification. Any such action shall be forwarded in writing to both the holder of the certified permit and the issuing agency and shall set forth reason(s) for the action taken.

Appendix C to Subpart H of Part 922—No-Anchoring Seagrass Protection Zones in Tomales Bay

Zone 1 Point	Latitude (N)	Longitude (W)
1	38°06'20.6"	122°50'44.3"
2	38°05'56.0"	122°50'09.7"
3	38°05'55.6"	122°50'39.5"
4	38°06'18.5"	122°50'56.5"
5	38°06'20.6"	122°50'44.3"

Zone 2 Point	Latitude (N)	Longitude (W)
1	38°08'26.6"	122°52'27.8"
2	38°06'49.9"	122°51'30.6"
3	38°07'08.4"	122°52'02.3"
4	38°07'32.3"	122°51'53.3"
5	38°07'38.1"	122°51'53.6"
6	38°07'59.7"	122°52'18.4"
7	38°08'26.6"	122°52'27.8"

Zone 3 Point	Latitude (N)	Longitude (W)
1	38°09'37.1"	122°53'39.9"
2	38°09'10.3"	122°53'23.7"
3	38°09'09.0"	122°53'25.5"
4	38°09'34.4"	122°53'44.6"
5	38°09'37.1"	122°53'39.9"

Zone 4 Point	Latitude (N)	Longitude (W)
1	38°12'02.6"	122°55'18.5"
2	38°09'45.3"	122°53'46.6"
3	38°09'44.2"	122°53'47.4"
4	38°09'55.3"	122°54'11.1"
5	38°10'07.3"	122°54'17.1"
6	38°10'28.2"	122°54'19.6"
7	38°10'45.1"	122°54'36.8"
8	38°11'11.4"	122°54'50.5"
9	38°11'19.7"	122°55'02.6"
10	38°12'02.6"	122°55'18.5"

Zone 5 Point	Latitude (N)	Longitude (W)
1	38°13'52.4"	122°57'46.8"
2	38°12'57.6"	122°56'15.0"
3	38°12'33.8"	122°56'29.5"
4	38°12'13.2"	122°55'56.9"
5	38°12'18.5"	122°55'28.3"
6	38°12'02.6"	122°55'18.5"
7	38°11'38.6"	122°56'05.2"
8	38°12'15.7"	122°56'35.0"
9	38°13'02.2"	122°57'44.1"
10	38°13'52.4"	122°57'46.8"

Zone 6 Point	Latitude (N)	Longitude (W)
1	38°08'17.2"	122°53'45.7"
2	38°08'25.4"	122°53'48.3"
3	38°08'27.7"	122°53'43.3"
4	38°08'21.1"	122°53'38.1"
5	38°08'17.2"	122°53'45.7"

Zone 7 Point	Latitude (N)	Longitude (W)
1	38°06'37.2"	122°51'55.6"
2	38°07'48.3"	122°53'14.7"
3	38°07'50.4"	122°53'10.3"
4	38°07'25.0"	122°52'47.4"
5	38°07'09.0"	122°52'29.7"
6	38°06'53.5"	122°52'08.3"
7	38°06'39.5"	122°51'52.8"
8	38°06'37.2"	122°51'55.6"

(FR 11/10/08)

11/09