

- (b) *At-sea processing*. At-sea processing of Shared EC Species is prohibited within the EEZ, except while processing groundfish in accordance with subpart D of this part.

## Subpart C—West Coast Groundfish Fisheries

**Source:** 75 FR 60897, Oct. 1, 2010, unless otherwise noted.

### § 660.10 Purpose and scope.

- (a) Subparts C through G of this part implement the Pacific Coast Groundfish Fishery Management Plan (PCGFMP) developed by the Pacific Fishery Management Council. Subparts C through G govern fishing vessels of the U.S. in the EEZ off the coasts of Washington, Oregon, and California. All weights are in round weight or round-weight equivalents, unless specified otherwise.
- (b) Any person fishing subject to subparts C through G of this part is bound by the international boundaries described in this section, notwithstanding any dispute or negotiation between the U.S. and any neighboring country regarding their respective jurisdictions, until such time as new boundaries are established or recognized by the U.S.

### § 660.11 General definitions.

These definitions are specific to the fisheries covered in subparts C through G of this part.

*Acceptable Biological Catch (ABC)* means a harvest specification that is set below the overfishing limit to account for scientific uncertainty in the estimate of OFL, and other scientific uncertainty.

*Active sampling unit* means the portion of the groundfish fleet in which an observer coverage plan is being applied.

*Address of Record* means the business address a person has provided to NMFS for NMFS use in providing notice of agency actions and other business with that person.

*Allocation*. (See § 600.10 of this chapter)

*Annual Catch Limit (ACL)* is a harvest specification set equal to or below the ABC threshold in consideration of conservation objectives, socioeconomic concerns, management uncertainty and other factors. The ACL is a harvest limit that includes all sources of fishing-related mortality including landings, discard mortality, research catches, and catches in exempted fishing permit activities. Sector-specific annual catch limits can be specified, especially in cases where a sector has a formal, long-term allocation of the harvestable surplus of a stock or stock complex.

*Annual Catch Target (ACT)* is a management target set below the annual catch limit and may be used as an accountability measure in cases where there is great uncertainty in inseason catch monitoring to ensure against exceeding an annual catch limit. Since the annual catch target is a target and not a limit it can be used in lieu of harvest guidelines or strategically to accomplish other management objectives. Sector-specific annual catch targets can also be specified to accomplish management objectives.

*Artificial lure* means any manufactured or man-made non-scented/non-flavored (regardless if scent or flavor is added in the manufacturing process or added afterwards) device complete with hooks, intended to attract fish. Artificial lures include, but are not limited to: spoons, spinners, artificial flies, and plugs. Artificial lures are made of metal, plastic, wood, or other non-edible materials.

**Bait** (natural or artificial) means any substance which attracts fish. Natural bait includes any natural biological substance used to attract or catch fish (e.g., herring/fish eggs). Artificial bait includes any manufactured device used to attract or catch fish.

**Base permit** means a sablefish-endorsed limited entry permit described at § 660.25(b)(3)(i), subpart C, registered for use with a vessel that meets the permit length endorsement requirements appropriate to that vessel, as described at § 660.25(b)(3)(iii), subpart C.

**Biennial fishing period** means a 24-month period beginning at 0001 local time on January 1 and ending at 2400 local time on December 31 of the subsequent year.

**$B_{MSY}$**  means the biomass level that produces maximum sustainable yield (MSY), as stated in the PCGFMP at Section 4.3.

**Calendar day** means the day beginning at 0001 hours local time and continuing for 24 consecutive hours.

**Calendar year.** (see "fishing year")

**Catch, take, harvest.** (See § 600.10 of this chapter)

**Catch monitor** means an individual that is certified by NMFS, is deployed to a first receiver, and whose primary duties include: monitoring and verification of the sorting of fish relative to Federal requirements defined in § 660.60(h)(6); documentation of the weighing of such fish relative to the requirements of § 660.13(b); and verification of first receivers' reporting relative to the requirements defined in § 660.113(b)(4).

**Catch Monitor Program or Catch Monitor Program Office** means the Catch Monitor Program Office of the West Coast Region, National Marine Fisheries Service.

**Catch monitor provider** means any person that is granted a permit by NMFS to provide certified catch monitors as required in § 660.140.

**Change in partnership or corporation** means the addition of a new shareholder or partner to the corporate or partnership membership. This definition of a "change" will apply to any person added to the corporate or partnership membership since November 1, 2000, including any family member of an existing shareholder or partner. A change in membership is not considered to have occurred if a member dies or becomes legally incapacitated and a trustee is appointed to act on his behalf, nor if the ownership of shares among existing members changes, nor if a member leaves the corporation or partnership and is not replaced. Changes in the ownership of publicly held stock will not be deemed changes in ownership of the corporation.

**Closure or closed** means, when referring to closure of a fishery or a closed fishery, that taking and retaining, possessing, or landing the particular species or species group covered by the fishing closure is prohibited. Unless otherwise announced in the FEDERAL REGISTER or authorized in this subpart, offloading must begin before the closure time.

**Commercial fishing** means:

- (1) Fishing by a person who possesses a commercial fishing license or is required by law to possess such license issued by one of the states or the Federal Government as a prerequisite to taking, landing and/or sale of fish; or
- (2) Fishing that results in or can be reasonably expected to result in sale, barter, trade or other disposition of fish for other than personal consumption.

**Commercial harvest guideline** means the fishery harvest guideline minus the estimated recreational catch. Limited entry and open access allocations are derived from the commercial harvest guideline.

**Conservation area(s)** means an enclosed geographic area defined by coordinates expressed in degrees latitude and longitude where NMFS may prohibit fishing with particular gear types. Conservation areas include Groundfish Conservation Areas (GCA), Essential Fish Habitat Conservation Areas (EFHCA) and Deep-sea Ecosystem Conservation Areas (DECA).

- (1) **Groundfish Conservation Area or GCA** means a conservation area created or modified and enforced to control catch of groundfish or protected species. Regulations at § 660.60(c)(3) describe the various purposes for which NMFS may implement certain types of GCAs through routine management measures. Regulations at § 660.70 further describe and define coordinates for certain GCAs, including: Yelloweye Rockfish Conservation Areas; Cowcod Conservation Areas; Groundfish Exclusion Areas; waters encircling the Farallon Islands; and waters encircling the Cordell Bank. GCAs also include closures bounded by the EEZ or depth-based lines approximating depth contours, including Bycatch Reduction Areas or BRAs, or bounded by depth contours and lines of latitude, including Block Area Closures, or BACs, and Rockfish Conservation Areas, or RCAs, which may be closed to fishing with particular gear types. BRA, BAC, and RCA boundaries may change seasonally according to conservation needs. Regulations at §§ 660.71 through 660.74, and § 660.76 define depth-based boundary lines with latitude/longitude coordinates that may be used to enact depth-based closures. Regulations in this section describe commonly used geographic coordinates that define lines of latitude. Fishing prohibitions associated with GCAs are in addition to those associated with other conservation areas.
  - (i) **Block Area Closures or BACs** are bounded on the north and south by commonly used geographic coordinates defined in this section, and on the east and west by the EEZ, and boundary lines approximating depth contours, defined with latitude and longitude coordinates at §§ 660.71 through 660.74 (10 fm (18 m) through 250 fm (457 m)), and § 660.76 (700 fm (1,280 m)). BACs may be implemented or modified as routine management measures, per the provisions of § 660.60(c). BACs may be implemented to control catch of groundfish by vessels taking and retaining groundfish in the EEZ seaward of Washington, Oregon, and California for vessels using any gear type (trawl or non-trawl). BACs may be implemented to minimize bycatch of Chinook salmon and coho salmon by bottom trawl or midwater trawl vessels in the EEZ seaward of Oregon and California, and by midwater trawl vessels in the EEZ seaward of Washington, but shoreward of the boundary line approximating the 250 fm (457 m) depth contour as defined in § 660.74. BACs may vary in their geographic boundaries, duration, and the gears to which they apply. Their geographic boundaries, applicable gear type(s) and/or specific fishery program, and effective dates will be announced in the FEDERAL REGISTER. BACs may be implemented within tribal Usual and Accustomed fishing areas but may only apply to non-tribal vessels. BACs may have a specific termination date as described in the FEDERAL REGISTER, or may be in effect until modified. BACs that are in effect until modified by NMFS are set out in the trip limit tables of subparts D through F of this part.
  - (ii) **Bycatch Reduction Areas or BRAs** are conservation areas that apply to vessels using midwater groundfish trawl gear during the Pacific whiting primary season, as described at §§ 660.60(d) and 660.131(c).
  - (iii) **Cordell Bank** is defined at § 660.70.
  - (iv) **Cowcod Conservation Areas** are defined at § 660.70.

- (v) **Farallon Islands** is defined at § 660.70.
- (vi) **Groundfish Exclusion Areas or GEAs** are closed areas intended to mitigate potential impacts to sensitive environments from certain groundfish fishing activity. GEAs may prohibit fishing by certain groundfish sectors or certain groundfish gear types. Geographic coordinates for GEAs are defined at § 660.70.
- (vii) **Rockfish Conservation Areas or RCAs**. RCA restrictions are detailed in subparts D through G of this part. RCAs may apply to a single gear type or to a group of gear types such as "trawl RCAs" or "non-trawl RCAs." Specific latitude and longitude coordinates for RCA boundaries that approximate the depth contours selected for trawl, non-trawl, and recreational RCAs are provided in §§ 660.71 through 660.74. Also provided in §§ 660.71 through 660.74, are references to islands and rocks that serve as reference points for the RCAs.
  - (A) **Trawl (Limited Entry and Open Access Non-groundfish Trawl Gears) RCAs**. The trawl RCAs are intended to protect a complex of species, such as overfished shelf rockfish species, and have boundaries defined by specific latitude and longitude coordinates approximating depth contours. Boundaries for the limited entry trawl RCA throughout the year are provided in Table 1 (North) subpart D of this part. Boundaries for the open access non-groundfish trawl RCA throughout the year are provided in Table 3 (South) subpart F of this part. Boundaries of the trawl RCAs may be modified by NMFS inseason pursuant to § 660.60(c).
  - (B) **Non-Trawl (Limited Entry Fixed Gear and Open Access Non-trawl Gears) RCAs**. Non-trawl RCAs are intended to protect a complex of species, such as overfished shelf rockfish species, and have boundaries defined by specific latitude and longitude coordinates approximating depth contours. Boundaries for the non-trawl RCA throughout the year are provided in Table 2 (North) and Table 2 (South) of subpart E of this part, and Table 3 (North) and Table 3 (South) of subpart F of this part, and may be modified by NMFS inseason pursuant to § 660.60(c).
  - (C) **Recreational RCAs**. Recreational RCAs are closed areas intended to protect overfished rockfish species. In the EEZ seaward of California, recreational RCAs are also intended to limit catch of non-overfished groundfish species. Recreational RCAs may either have boundaries defined by general depth contours or boundaries defined by specific latitude and longitude coordinates approximating depth contours. Boundaries for the recreational RCAs throughout the year are provided in the text in subpart G of this part under each state (Washington, Oregon and California) and may be modified by NMFS inseason pursuant to § 660.60(c).
- (viii) **Yelloweye Rockfish Conservation Areas or YRCAs** are defined at § 660.70.
- (2) **Essential Fish Habitat Conservation Area or EFHCA** means an area created and enforced to contribute to the protection of groundfish essential fish habitat. Regulations at §§ 660.75 through 660.79 define EFHCA boundaries. Fishing prohibitions associated with EFHCAs, which are found at §§ 660.12, 660.112, 660.212, and 660.312, are in addition to those prohibitions associated with other conservation areas.
- (3) **Deep-sea Ecosystem Conservation Area or DECA** is the area within the EEZ deeper than 3,500 m (1,914 fm) that is not designated as EFH, defined at § 660.75 with latitude and longitude coordinates. The DECA is closed to bottom contact gear for the reasons described under MSA

Section 303(b), and contributes to the protection of deep-water habitats including deep-sea corals. Fishing prohibitions associated with DECAs, at § 660.12, are in addition to those associated with other conservation areas.

**Continuous transiting or transit through** means that a vessel crosses a groundfish conservation area or EFHCA on a heading as nearly as practicable to a direct route, consistent with navigational safety, while maintaining expeditious headway throughout the transit without loitering or delay.

**Corporation** means a legal, business entity, including incorporated (INC) and limited liability corporations (LLC).

**Council** means the Pacific Fishery Management Council, including its Groundfish Management Team (GMT), Scientific and Statistical Committee (SSC), Groundfish Advisory Subpanel (GAP), and any other advisory body established by the Council.

**Date of landing** means the date on which the transfer of fish or offloading of fish from any vessel to a processor or other first receiver begins.

**Direct financial interest** means any source of income to or capital investment or other interest held by an individual, partnership, or corporation or an individual's spouse, immediate family member or parent that could be influenced by performance or non-performance of observer or catch monitor duties.

**Dock ticket** means a form accepted by the state to record the landing, receipt, purchase, or transfer of fish.

**Electronic fish ticket** means a web-based form that is used to send landing data to the Pacific States Marine Fisheries Commission. Electronic fish tickets are used to collect information similar to the information required in state fish receiving tickets or landing receipts, but do not replace or change any state requirements.

**Electronic Monitoring System or EMS** means a data collection tool that uses a software operating system connected to an assortment of electronic components, including video recorders, to create a collection of data on vessel activities.

**Endorsement** means an additional specification affixed to the limited entry permit that further restricts fishery participation or further specifies a harvest privilege, and is non-severable from a limited entry permit.

**Entity.** (See "Person")

**Essential Fish Habitat or EFH.** (See § 600.10 of this chapter)

**Exclusive Economic Zone or EEZ** is defined at § 600.10. See also *Fishery management area* of this section.

**First Receiver** means a person who receives, purchases, or takes custody, control, or possession of catch onshore directly from a vessel.

**Fiscal year** means the year beginning at 0001 local time on October 1 and ending at 2400 local time on September 30 of the following year.

**Fish.** (See § 600.10 of this chapter)

**Fishery** (See § 600.10 of this chapter)

**Fishery harvest guideline** means the harvest guideline or quota after subtracting from the TAC, ACL, or ACT when specified, any allocation or projected catch for the Pacific Coast treaty Indian Tribes, projected research catch, deductions for fishing mortality in non-groundfish fisheries, and deductions for EFPs.

**Fishery management area** means the EEZ off the coasts of Washington, Oregon, and California between 3 and 200 nm offshore, and bounded on the north by the Provisional International Boundary between the U.S. and Canada, and bounded on the south by the International Boundary between the U.S. and Mexico. The inner boundary of the fishery management area is a line coterminous with the seaward boundaries of the States of Washington, Oregon, and California (the “3-mile limit”). The outer boundary of the fishery management area is a line drawn in such a manner that each point on it is 200 nm from the baseline from which the territorial sea is measured, or is a provisional or permanent international boundary between the U.S. and Canada or Mexico. All groundfish possessed between 0-200 nm offshore or landed in Washington, Oregon, or California are presumed to have been taken and retained from the EEZ, unless otherwise demonstrated by the person in possession of those fish.

**Fishing.** (See § 600.10 of this chapter)

**Fishing gear** includes the following types of gear and equipment:

- (1) **Bottom contact gear** means fishing gear designed or modified to make contact with the bottom. This includes, but is not limited to, beam trawl, bottom trawl, dredge, fixed gear, set net, demersal seine, dinglebar gear, and other gear (including experimental gear) designed or modified to make contact with the bottom. Gear used to harvest bottom dwelling organisms (e.g. by hand, rakes, and knives) are also considered bottom contact gear for purposes of this subpart. Non-bottom contact gear is defined in paragraph (12) of this definition.
- (2) **Demersal seine** means a net designed to encircle fish on the seabed. The demersal seine is characterized by having its net bounded by lead-weighted ropes that are not encircled with bobbins or rollers. Demersal seine gear is fished without the use of steel cables or otter boards (trawl doors). Scottish and Danish Seines are demersal seines. Purse seines, as defined at § 600.10 of this chapter, are not demersal seines. Demersal seine gear is included in the definition of bottom trawl gear in paragraph (11)(i) of this definition.
- (3) **Dredge gear** means a gear consisting of a metal frame attached to a holding bag constructed of metal rings or mesh. As the metal frame is dragged upon or above the seabed, fish are pushed up and over the frame, then into the mouth of the holding bag.
- (4) **Entangling nets** include the following types of net gear:
  - (i) **Gillnet.** (See § 600.10 of this chapter)
  - (ii) **Set net** means a stationary, buoyed, and anchored gillnet or trammel net.
  - (iii) **Trammel net** means a gillnet made with two or more walls joined to a common float line.
- (5) **Fixed gear (anchored nontrawl gear)** means the following gear types: longline, trap or pot, set net, and stationary hook-and-line (including commercial vertical hook-and-line) gears.
- (6) **Hook-and-line** means one or more hooks attached to one or more lines. It may be stationary (commercial vertical hook-and-line) or mobile (troll).
  - (i) **Bottom longline** means a stationary, buoyed, and anchored groundline with hooks attached, so as to fish along the seabed. It does not include pelagic hook-and-line or troll gear.
    - (A) Snap gear means a type of bottom longline gear where the hook and gangion are attached to the groundline using a mechanical fastener or snap.
    - (B) [Reserved]

- (ii) **Commercial vertical hook-and-line** means commercial fishing with hook-and-line gear that involves a single line anchored at the bottom and buoyed at the surface so as to fish vertically.
  - (iii) **Dinglebar gear** means one or more lines retrieved and set with a troll gurdy or hand troll gurdy, with a terminally attached weight from which one or more leaders with one or more lures or baited hooks are pulled through the water while a vessel is making way.
  - (iv) **Troll gear** means a lure or jig towed behind a vessel via a fishing line. Troll gear is used in commercial and recreational fisheries.
- (7) **Mesh size** means the opening between opposing knots, or opposing corners for knotless webbing. Minimum mesh size means the smallest distance allowed between the inside of one knot or corner to the inside of the opposing knot or corner, regardless of twine size.
- (8) **Nontrawl gear** means all legal commercial groundfish gear other than trawl gear.
- (9) **Spear** means a sharp, pointed, or barbed instrument on a shaft.
- (10) **Trap or pot** See § 600.10 of this chapter, definition of "trap". These terms are used as interchangeable synonyms.
- (11) **Trawl gear** means a cone or funnel-shaped net that is towed through the water, and can include a pair trawl that towed simultaneously by two boats. For the purpose of this definition, trawl gear includes groundfish and non-groundfish trawl. See definitions for groundfish trawl and non-groundfish trawls (previously called "exempted trawl").
- (i) **Bottom trawl** means a trawl in which the otter boards or the footrope of the net are in contact with the seabed. It includes demersal seine gear, and pair trawls fished on the bottom. Any trawl not meeting the requirements for a midwater trawl in § 660.130(b), subpart D is a bottom trawl.
    - (A) **Beam trawl gear** means a type of trawl gear in which a beam is used to hold the trawl open during fishing. Otter boards or doors are not used.
    - (B) **Large footrope trawl gear** means a bottom trawl gear with a footrope diameter larger than 8 inches (20 cm,) and no larger than 19 inches (48 cm) including any rollers, bobbins, or other material encircling or tied along the length of the footrope.
    - (C) **Small footrope trawl gear** means a bottom trawl gear with a footrope diameter of 8 inches (20 cm) or smaller, including any rollers, bobbins, or other material encircling or tied along the length of the footrope. Selective flatfish trawl gear that meets the gear component requirements in § 660.130(b), subpart D is a type of small footrope trawl gear.
  - (ii) **Midwater (pelagic or off-bottom) trawl** means a trawl in which the otter boards and footrope of the net remain above the seabed. It includes pair trawls if fished in midwater. A midwater trawl has no rollers or bobbins on any part of the net or its component wires, ropes, and chains. For additional midwater trawl gear requirements and restrictions, see § 660.130(b), subpart D.
  - (iii) **Trawl gear components** include:
    - (A) **Breastline** means a rope or cable that connects the end of the headrope and the end of the trawl fishing line along the edge of the trawl web closest to the towing point.
    - (B) **Chafing gear** means webbing or other material that is attached to the trawl net to protect the net from wear and abrasions either when fishing or hauling on deck.

- (C) **Codend.** (See § 600.10 of this chapter)
  - (D) **Double-bar mesh** means webbing comprised of two lengths of twine tied into a single knot.
  - (E) **Double-walled codend** means a codend constructed of two walls (layers) of webbing.
  - (F) **Footrope** means a chain, rope, or wire attached to the bottom front end of the trawl webbing forming the leading edge of the bottom panel of the trawl net, and attached to the fishing line.
  - (G) **Headrope** means a chain, rope, or wire attached to the trawl webbing forming the leading edge of the top panel of the trawl net.
  - (H) **Rollers or bobbins** means devices made of wood, steel, rubber, plastic, or other hard material that encircle the trawl footrope. These devices are commonly used to either bounce or pivot over seabed obstructions, in order to prevent the trawl footrope and net from snagging on the seabed.
  - (I) **Single-walled codend** means a codend constructed of a single wall of webbing knitted with single or double-bar mesh.
  - (J) **Trawl fishing line** means a length of chain, rope, or wire rope in the bottom front end of a trawl net to which the webbing or lead ropes are attached.
  - (K) **Trawl riblines** means a heavy rope or line that runs down the sides, top, or underside of a trawl net from the mouth of the net to the terminal end of the codend to strengthen the net during fishing.
- (12) **Non-bottom contact gear** means fishing gear designed or modified to not make contact with the bottom. This includes, but is not limited to, commercial vertical hook-and-line gear not anchored to the bottom (e.g., vertical jig gear or rod-and-reel gear with weights suspended off the bottom) and troll gear.

**Fishing or Calendar year** means the year beginning at 0001 local time on January 1 and ending at 2400 local time on December 31 of the same year. There are two fishing years in each biennial fishing period.

**Fishing trip** means a period of time between landings when fishing is conducted.

**Fishing vessel.** (See § 600.10 of this chapter)

**Fund** means, for the purposes of subparts C through G of this part, the U.S. Treasury's Limited Access System Administration Fund (LASAF) established by the Magnuson-Stevens Act, 16 U.S.C. 1855(h)(5)(B), specifically the LASAF subaccounts associated with the PCGFMP cost recovery programs.

**Gear testing** means the deployment of lawful gear without retaining fish, for the following purposes, including, but not limited to: Deployment of nets using open codends; calibration of engines and transmission under load (i.e., towing a net with an open codend); deployment of wire and/or doors; testing new electronic equipment associated with deploying fishing gear; and testing and calibration of newly installed propulsion systems (i.e., engine, transmission, shaft, propeller, etc.).

**Grandfathered or first generation**, when referring to a limited entry sablefish-endorsed permit owner, means those permit owners who owned a sablefish-endorsed limited entry permit prior to November 1, 2000, and are, therefore, exempt from certain requirements of the sablefish permit stacking program within the parameters of the regulations at § 660.25(b), subpart C and § 660.231, subpart E.



**Groundfish** means species managed by the PCGFMP, specifically:

- (1) **Sharks:** Leopard shark, *Triakis semifasciata*; soupfin shark, *Galeorhinus zyopterus*; spiny dogfish, *Squalus suckleyi*.
- (2) **Skates:** "Skates" in the PCGFMP include all genera and species in the family Arhynchobatidae that occur off Washington, Oregon, and California, including but not limited to Aleutian skate, *Bathyraja aleutica*; Bering/sandpaper skate, *B. interrupta*; big skate, *Raja binoculata*; California skate, *R. inornata*; longnose skate, *R. rhina*; rougtail/black skate, *B. trachura*.
- (3) **Ratfish:** Ratfish, *Hydrolagus colliei*.
- (4) **Morids:** Finescale codling, *Antimora microlepis*.
- (5) **Grenadiers:** "Grenadiers" in the PCGFMP include all genera and species in the family Macrouridae that occur off Washington, Oregon, and California, including but not limited to Giant grenadier, *Albatrossia pectoralis*; Pacific grenadier, *Coryphaenoides acrolepis*.
- (6) **Roundfish:** Cabezon, *Scorpaenichthys marmoratus*; kelp greenling, *Hexagrammos decagrammus*; lingcod, *Ophiodon elongatus*; Pacific cod, *Gadus macrocephalus*; Pacific whiting, *Merluccius productus*; sablefish, *Anoplopoma fimbria*. Species listed in paragraphs (6)(i) and (ii) of this definition with an area-specific listing are managed within a complex in that area-specific listing.
  - (i) Between 46°16' N lat. and the U.S. Canada border (Washington): Cabezon, *S. marmoratus* and kelp greenling, *H. decagrammus*.
  - (ii) Between 46°16' N lat. and 42° N lat. (Oregon): Cabezon, *S. marmoratus* and kelp greenling, *H. decagrammus*.
- (7) **Rockfish:** "Rockfish" in the PCGFMP include all genera and species of the family Scorpaenidae that occur off Washington, Oregon, and California, even if not listed below, including longspine thornyhead, *Sebastolobus altivelis*, and shortspine thornyhead, *S. alascanus*. Where species below are listed both in a geographic category (nearshore, shelf, slope) and as an area-specific listing (north or south of 40°10' N. lat.) those species are managed within a "minor" rockfish complex in that area-specific listing.
  - (i) Nearshore rockfish includes black rockfish, *Sebastes melanops* (off Washington and California) and the following nearshore rockfish species managed in "minor rockfish" complexes:
    - (A) North of 46°16' N lat. (Washington) and between 42°00' N lat. and 40°10' N lat. (northern California): Black and yellow rockfish, *S. chrysomelas*; blue rockfish, *S. mystinus*; brown rockfish, *S. auriculatus*; calico rockfish, *S. dalli*; China rockfish, *S. nebulosus*; copper rockfish, *S. caurinus*; deacon rockfish, *S. diaconus*, gopher rockfish, *S. carnatus*; grass rockfish, *S. rastrelliger*; kelp rockfish, *S. atrovirens*; olive rockfish, *S. serranoides*; quillback rockfish, *S. maliger*; treefish, *S. serriceps*.
    - (B) Between 46°16' N lat. and 42° N lat. (Oregon): Black and yellow rockfish, *S. chrysomelas*; brown rockfish, *S. auriculatus*; calico rockfish, *S. dalli*; China rockfish, *S. nebulosus*; copper rockfish, *S. caurinus*; gopher rockfish, *S. carnatus*; grass rockfish, *S. rastrelliger*; kelp rockfish, *S. atrovirens*; olive rockfish, *S. serranoides*; quillback rockfish, *S. maliger*; treefish, *S. serriceps*.
    - (C) Between 46°16' N lat. and 42° N lat. (Oregon): Black rockfish, *S. melanops*, blue rockfish, *S. mystinus*, and deacon rockfish, *S. diaconus*.

- (D) South of 40°10' N lat. (Southern California): Nearshore rockfish are divided into three management categories:
- (1) Shallow nearshore rockfish consists of black and yellow rockfish, *S. chrysomelas*; China rockfish, *S. nebulosus*; gopher rockfish, *S. carnatus*; grass rockfish, *S. rastrelliger*; kelp rockfish, *S. atrovirens*.
  - (2) Deeper nearshore rockfish consists of black rockfish, *S. melanops*; blue rockfish, *S. mystinus*; brown rockfish, *S. auriculatus*; calico rockfish, *S. dalli*; copper rockfish, *S. caurinus*; deacon rockfish, *S. diaconus*; olive rockfish, *S. serranoides*; quillback rockfish, *S. maliger*; treefish, *S. serriceps*.
  - (3) California scorpionfish, *Scorpaena guttata*.
- (ii) **Shelf rockfish** includes bocaccio, *Sebastes paucispinis*; canary rockfish, *S. pinniger*; chilipepper, *S. goodei*; cowcod, *S. levis*; shortbelly rockfish, *S. jordani*; widow rockfish, *S. entomelas*; yelloweye rockfish, *S. ruberrimus*; yellowtail rockfish, *S. flavidus* and the following shelf rockfish species managed in "minor rockfish" complexes:
- (A) **Shelf Rockfish North of 40°10' N. lat.:** Bronzespotted rockfish, *S. gilli*; bocaccio, *S. paucispinis*; chameleon rockfish, *S. phillipsi*; chilipepper, *S. goodei*; cowcod, *S. levis*; dusky rockfish, *S. ciliatus*; dwarf-red rockfish, *S. rufianus*; flag rockfish, *S. rubrivinctus*; freckled rockfish, *S. lentiginosus*; greenblotched rockfish, *S. rosenblatti*; greenspotted rockfish, *S. chlorostictus*; greenstriped rockfish, *S. elongatus*; halfbanded rockfish, *S. semicinctus*; harlequin rockfish, *S. variegatus*; honeycomb rockfish, *S. umbrosus*; Mexican rockfish, *S. macdonaldi*; pink rockfish, *S. eos*; pinkrose rockfish, *S. simulator*; pygmy rockfish, *S. wilsoni*; redstripe rockfish, *S. proriger*; rosethorn rockfish, *S. helvomaculatus*; rosy rockfish, *S. rosaceus*; silvergray rockfish, *S. brevispinis*; speckled rockfish, *S. ovalis*; squarespot rockfish, *S. hopkinsi*; starry rockfish, *S. constellatus*; stripetail rockfish, *S. saxicola*; sunset rockfish, *S. crocotulus*; swordspine rockfish, *S. ensifer*; tiger rockfish, *S. nigrocinctus*; vermilion rockfish, *S. miniatus*.
  - (B) **Shelf Rockfish South of 40°10' N. lat.:** Bronzespotted rockfish, *S. gilli*; chameleon rockfish, *S. phillipsi*; dusky rockfish, *S. ciliatus*; dwarf-red rockfish, *S. rufianus*; flag rockfish, *S. rubrivinctus*; freckled rockfish, *S. lentiginosus*; greenblotched rockfish, *S. rosenblatti*; greenspotted rockfish, *S. chlorostictus*; greenstriped rockfish, *S. elongatus*; halfbanded rockfish, *S. semicinctus*; harlequin rockfish, *S. variegatus*; honeycomb rockfish, *S. umbrosus*; Mexican rockfish, *S. macdonaldi*; pink rockfish, *S. eos*; pinkrose rockfish, *S. simulator*; pygmy rockfish, *S. wilsoni*; redstripe rockfish, *S. proriger*; rosethorn rockfish, *S. helvomaculatus*; rosy rockfish, *S. rosaceus*; silvergray rockfish, *S. brevispinis*; speckled rockfish, *S. ovalis*; squarespot rockfish, *S. hopkinsi*; starry rockfish, *S. constellatus*; stripetail rockfish, *S. saxicola*; sunset rockfish, *S. crocotulus*; swordspine rockfish, *S. ensifer*; tiger rockfish, *S. nigrocinctus*; vermilion rockfish, *S. miniatus*; yellowtail rockfish, *S. flavidus*.
- (iii) **Slope rockfish** includes darkblotched rockfish, *S. cramerii*; Pacific ocean perch, *S. alutus*; splitnose rockfish, *S. diploproa*; and the following slope rockfish species managed in "minor rockfish" complexes:

- (A) **Slope Rockfish North of 40°10' N. lat.:** Aurora rockfish, *Sebastes aurora*; bank rockfish, *S. rufus*; blackgill rockfish, *S. melanostomus*; blackspotted rockfish, *S. melanostictus*; redbanded rockfish, *S. babcocki*; rougheye rockfish, *S. aleutianus*; sharpchin rockfish, *S. zacentrus*; shortraker rockfish, *S. borealis*; splitnose rockfish, *S. diploproa*; yellowmouth rockfish, *S. reedi*.
- (B) **Slope Rockfish South of 40°10' N. lat.:** Aurora rockfish, *Sebastes aurora*; bank rockfish, *S. rufus*; blackgill rockfish, *S. melanostomus*; blackspotted rockfish, *S. melanostictus*; Pacific ocean perch, *S. alutus*; redbanded rockfish, *S. babcocki*; rougheye rockfish, *S. aleutianus*; sharpchin rockfish, *S. zacentrus*; shortraker rockfish, *S. borealis*; yellowmouth rockfish, *S. reedi*.
- (8) Flatfish: Arrowtooth flounder (arrowtooth turbot), *Atheresthes stomias*; butter sole, *Isopsetta isolepis*; curlfin sole, *Pleuronichthys decurrens*; Dover sole, *Microstomus pacificus*; English sole, *Parophrys vetulus*; flathead sole, *Hippoglossoides elassodon*; Pacific sanddab, *Citharichthys sordidus*; petrale sole, *Eopsetta jordani*; rex sole, *Glyptocephalus zachirus*; rock sole, *Lepidopsetta bilineata*; sand sole, *Psettichthys melanostictus*; starry flounder, *Platichthys stellatus*. Where regulations of subparts C through G of this part refer to landings limits for "other flatfish," those limits apply to all flatfish cumulatively taken except for those flatfish species specifically listed in Tables 1a and 2a of this subpart. (i.e., "other flatfish" includes butter sole, curlfin sole, flathead sole, Pacific sanddab, rex sole, rock sole, and sand sole.)
- (9) "Other Fish": kelp greenling (*Hexagrammos decagrammus*) off California and leopard shark (*Trakis semifasciata*).
- (10) "Ecosystem component species" means species that are included in the PCGFMP but are not "in the fishery" and therefore not actively managed and do not require harvest specifications. Ecosystem component species are not targeted in any fishery, not generally retained for sale or personal use, and are not determined to be subject to overfishing, approaching an overfished condition, or overfished, nor are they likely to become subject to overfishing or overfished in the absence of conservation and management measures. Ecosystem component species include: All skates listed here in paragraph (2), except longnose skate and big skate; all grenadiers listed here in paragraph (5); soupfin shark; ratfish; finescale codling; and shortbelly rockfish as listed here in paragraph (7)(ii).

**Groundfish trawl** means trawl gear that is used under the authority of a valid limited entry permit issued under subparts C and D of this part endorsed for trawl gear and which meets the gear requirements specified in subpart D of this part. It does not include any type of trawl gear listed as non-groundfish trawl gear (previously called "exempted gear").

**Harvest guideline** means a specified numerical harvest objective that is not a quota. Attainment of a harvest guideline does not require closure of a fishery.

**Incidental catch or incidental species** means groundfish species caught while fishing for the primary purpose of catching a different species.

**Initial Administrative Determination (IAD)** means a formal, written determination made by NMFS on an application or permit request, that is subject to an appeal within NMFS.

**Joint registration** or jointly registered means simultaneously registering both trawl-endorsed and longline or trap/pot-endorsed limited entry permits for use with a single vessel in one of the configurations described at § 660.25(b)(4)(iv).

**Land or landing** means to begin transfer of fish, offloading fish, or to offload fish from any vessel. Once transfer of fish begins, all fish aboard the vessel are counted as part of the landing.

**Legal fish** means fish legally taken and retained, possessed, or landed in accordance with the provisions of 50 CFR part 660, subparts C through G, the Magnuson-Stevens Act, any document issued under part 660, and any other regulation promulgated or permit issued under the Magnuson-Stevens Act.

**Length overall or LOA** (with respect to a vessel) means the length overall set forth in the Certificate of Documentation (CG-1270) issued by the USCG for a documented vessel, or in a registration certificate issued by a state or the USCG for an undocumented vessel; for vessels that do not have the LOA stated in an official document, the LOA is the LOA as determined by the USCG or by a marine surveyor in accordance with the USCG method for measuring LOA.

**License owner** means a person who is the owner of record with NMFS, SFD, Permits Office of a License issued under § 660.140, subpart D.

**Limited entry fishery** means the fishery composed of vessels registered for use with limited entry permits.

**Limited entry gear** means longline, trap (or pot), or groundfish trawl gear used under the authority of a valid limited entry permit affixed with an endorsement for that gear.

**Limited entry permit means:**

- (1) The Federal permit required to fish in the limited entry "A"-endorsed fishery, and includes any gear, size, or species endorsements affixed to the permit, or
- (2) The Federal permit required to receive and process fish as a mothership processor.

**Maximum Sustainable Yield or MSY.** (See § 600.310 of this chapter)

**Mobile transceiver unit** means a vessel monitoring system or VMS device, as set forth at § 660.14, subpart C installed on board a vessel that is used for vessel monitoring and transmitting the vessel's position as required by subpart C.

**Non-groundfish fishery** means any fishing using non-groundfish trawl gear or nontrawl gear when targeting salmon, HMS, CPS, crab, prawn, or any other species not managed under the PCGFMP. Non-groundfish fishery is sometimes referred to as the incidental open access fishery in which groundfish could be encountered with the gear used, regardless of whether groundfish is retained.

**Non-groundfish trawl (previously "exempted" trawl)** means any trawl gear other than the Pacific Coast groundfish trawl gear that is authorized for use with a valid groundfish limited entry permit endorsed for trawl gear. Non-groundfish trawl gear includes trawl gear used to fish for pink shrimp, ridgeback prawn, California halibut south of Pt. Arena, and sea cucumbers south of Pt. Arena.

**Nontrawl fishery** means

- (1) For the purpose of allocations at § 660.55, subpart C, nontrawl fishery means the limited entry fixed gear fishery, the open access fishery, and the recreational fishery.
- (2) For the purposes of all other management measures in subparts C through G of this part, nontrawl fishery means fishing with any legal limited entry fixed gear or open access non-trawl groundfish gear other than trawl gear (groundfish trawl gear and non-groundfish trawl gear), but does not include the recreational fishery.

*North-South management area* means the management areas defined in paragraph (1) of this definition, or defined and bounded by one or more of the commonly used geographic coordinates set out in paragraph (2) of this definition for the purposes of implementing different management measures in separate geographic areas of the U.S. West Coast.

(1) **Management areas** –

(i) **Vancouver.**

- (A) The northeastern boundary is that part of a line connecting the light on Tatoosh Island, WA, with the light on Bonilla Point on Vancouver Island, British Columbia (at 48°35.73' N. lat., 124°43.00' W. long.) south of the International Boundary between the U.S. and Canada (at 48°29.62' N. lat., 124°43.55' W. long.), and north of the point where that line intersects with the boundary of the U.S. territorial sea.
- (B) The northern and northwestern boundary is a line connecting the following coordinates in the order listed, which is the provisional international boundary of the EEZ as shown on NOAA/NOS Charts 18480 and 18007:

Point	N. Lat.	W. Long.
1	48°29.62'	124°43.55'
2	48°30.18'	124°47.22'
3	48°30.37'	124°50.35'
4	48°30.23'	124°54.87'
5	48°29.95'	124°59.23'
6	48°29.73'	125°00.10'
7	48°28.15'	125°05.78'
8	48°27.17'	125°08.42'
9	48°26.78'	125°09.20'
10	48°20.27'	125°22.80'
11	48°18.37'	125°29.97'
12	48°11.08'	125°53.80'
13	47°49.25'	126°40.95'
14	47°36.78'	127°11.97'
15	47°22.00'	127°41.38'
16	46°42.08'	128°51.93'
17	46°31.78'	129°07.65'

- (C) The southern limit is 47°30' N. lat.

(ii) **Columbia.**

- (A) The northern limit is 47°30' N. lat.
- (B) The southern limit is 43°00' N. lat.

(iii) **Eureka.**

- (A) The northern limit is 43°00' N. lat.

(B) The southern limit is 40°30' N. lat.

(iv) **Monterey.**

(A) The northern limit is 40°30' N. lat.

(B) The southern limit is 36°00' N. lat.

(v) **Conception.**

(A) The northern limit is 36°00' N. lat.

(B) The southern limit is the U.S.-Mexico International Boundary, which is a line connecting the following coordinates in the order listed:

Point	N. lat.	W. long.
1	32°35.37'	117°27.82'
2	32°37.62'	117°49.52'
3	31°07.97'	118°36.30'
4	30°32.52'	121°51.97'

(2) **Commonly used geographic coordinates.**

- (i) Cape Alava, WA—48°10.00' N. lat.
- (ii) Queets River, WA—47°31.70' N. lat.
- (iii) Pt. Chehalis, WA—46°53.30' N. lat.
- (iv) Leadbetter Point, WA—46°38.17' N. lat.
- (v) Columbia River—46°16.00' N. lat.
- (vi) Cape Falcon, OR—45°46.00' N. lat.
- (vii) Cape Lookout, OR—45°20.25' N. lat.
- (viii) Cascade Head, OR—45°03.83' N. lat.
- (ix) Heceta Head, OR—44°08.30' N. lat.
- (x) Cape Arago, OR—43°20.83' N. lat.
- (xi) Cape Blanco, OR—42°50.00' N. lat.
- (xii) Humbug Mountain—42°40.50' N. lat.
- (xiii) Marck Arch, OR—42°13.67' N. lat.
- (xiv) Oregon/California border—42°00.00' N. lat.
- (xv) Cape Mendocino, CA—40°30.00' N. lat.
- (xvi) North/South management line—40°10.00' N. lat.
- (xvii) Cape Vizcaino, CA—39°44.00' N. lat.
- (xviii) Point Arena, CA—management line—38°57.50' N. lat.

(xvix) Point San Pedro, CA—37°35.67' N. lat.

(xx) Pigeon Point, CA—37°11.00' N. lat.

(xxi) Ano Nuevo, CA—37°07.00' N. lat.

(xxii) Point Lopez, CA—36°00.00' N. lat.

(xxiii) Point Conception, CA—34°27.00' N. lat. [Note: Regulations that apply to waters north of 34°27.00' N. lat. are applicable only west of 120°28.00' W. long.; regulations that apply to waters south of 34°27.00' N. lat. also apply to all waters both east of 120°28.00' W. long. and north of 34°27.00' N. lat.]

**Observer.** (See § 600.10 of this chapter—U.S. Observer or Observer)

**Observer Program or Observer Program Office** means the Observer Program Office of the Northwest Fisheries Science Center, National Marine Fisheries Service, Seattle, Washington. Branch offices within the Observer Program include the West Coast Groundfish Observer Program and the At-sea Hake Observer Program.

**Observer provider** means any person that is granted a permit by NMFS to provide certified observers as required at §§ 660.140, 660.150, 660.160, 660.216 or 660.316.

**Office of Law Enforcement or OLE** refers to the National Marine Fisheries Service, Office of Law Enforcement, Western Division.

**Open access fishery** means the fishery composed of commercial vessels using open access gear fished pursuant to the harvest guidelines, quotas, and other management measures governing the harvest of open access allocations (detailed in § 660.55) or governing the fishing activities of open access vessels (detailed in subpart F of this part). Any commercial vessel that is not registered to a limited entry permit and which takes and retains, possesses or lands groundfish is a participant in the open access groundfish fishery.

(1) For the purpose of the non-trawl logbook requirements at § 660.13 and the provision to fish inside the nontrawl RCA at § 660.330(b)(3), directed open access fishery means that a fishing vessel is target fishing for groundfish under the requirements of 50 CFR 660 subpart F, is only declared into an open access groundfish gear type or sector as defined in § 660.13(d)(4)(iv)(A), and has not declared into any other gear type or sector.

(2) [Reserved]

**Open access gear** means all types of fishing gear except:

(1) **Longline or trap (or pot) gear** fished by a vessel that has a limited entry permit affixed with a gear endorsement for that gear.

(2) **Groundfish trawl.**

**Operate a vessel** means any use of a vessel, including, but not limited to, fishing or drifting by means of the prevailing water current or weather conditions.

**Operator.** (See § 600.10)

**Optimum yield or OY** means the amount of fish that will provide the greatest overall benefit to the Nation, particularly with respect to food production and recreational opportunities, and, taking into account the protection of marine ecosystems, is prescribed as such on the basis of the MSY from the fishery, as

reduced by any relevant economic, social, or ecological factor; and, in the case of an overfished fishery, provides for rebuilding to a level consistent with producing the MSY in such fishery. OY may be expressed numerically (as a harvest guideline, quota, or other specification) or non-numerically.

**Overage** means the amount of fish harvested by a vessel in excess of:

- (1) The applicable trip limit for any fishery to which a trip limit applies;
- (2) The amount authorized by the applicable permit for trawl fisheries at subpart D of this part;
- (3) The amount authorized by the applicable sablefish-endorsed permits for fixed gear sablefish fisheries at subpart E of this part.

**Overfishing limit (OFL)** is the MSY harvest level or the annual abundance of exploitable biomass of a stock or stock complex multiplied by the maximum fishing mortality threshold or proxy thereof and is an estimate of the catch level above which overfishing is occurring.

**Ownership interest** means participation in ownership of a corporation, partnership, or other entity:

- (1) For sablefish-endorsed permits, ownership interest means participation in ownership of a corporation, partnership, or other entity that owns a sablefish-endorsed permit. Ownership interest does not mean owning stock in a publicly owned corporation.
- (2) For the limited entry trawl fishery in subpart D of this part, ownership interest means participation in ownership of a corporation, partnership, or other entity that owns a QS permit, vessel account, MS permit, or an MS/CV-endorsed limited entry permit.

**Pacific Coast Groundfish Fishery Management Plan or PCGFMP** means the Fishery Management Plan for the Washington, Oregon, and California Groundfish Fishery developed by the Council and approved by the Secretary on January 4, 1982, and as it may be subsequently amended.

**Partnership** is two or more individuals, partnerships, or corporations, or combinations thereof, who have ownership interest in a permit, including married couples and legally recognized trusts and partnerships, such as limited partnerships (LP), general partnerships (GP), and limited liability partnerships (LLP).

**Permit owner** means a person who is the owner of record with NMFS, SFD, Permits Office of a limited entry permit. For first receiver site licenses, see definition for "license owner."

**Person**, as it applies to limited entry and open access fisheries conducted under, subparts C through F of this part means any individual, corporation, partnership, association or other entity (whether or not organized or existing under the laws of any state), and any Federal, state, or local government, or any entity of any such government that is eligible to own a documented vessel under the terms of 46 U.S.C. 12103(b).

**Processing or to process** means the preparation or packaging of groundfish to render it suitable for human consumption, retail sale, industrial uses or long-term storage, including, but not limited to, cooking, canning, smoking, salting, drying, filleting, freezing, or rendering into meal or oil, but does not mean heading and gutting unless additional preparation is done. (A vessel that is 75-ft (23-m) or less LOA that harvests whiting and, in addition to heading and gutting, cuts the tail off and freezes the whiting, is not considered to be a catcher/processor nor is it considered to be processing fish (See § 660.112(b)(1)(xii)(A))).

- (1) At-sea processing means processing that takes place on a vessel or other platform that floats and is capable of being moved from one location to another, whether shore-based or on the water.



- (2) Shorebased processing or processing means processing that takes place at a facility that is permanently fixed to land. (Also see the definition for shoreside processing at § 660.140, subpart D which defines shoreside processing for the purposes of qualifying for a Shorebased IFQ Program QS permit.) For the purposes of economic data collection in the Shorebased IFQ Program, shorebased processing means either of the following:
  - (i) Any activity that takes place shoreside; and that involves: Cutting groundfish into smaller portions; or freezing, cooking, smoking, drying groundfish; or packaging that groundfish for resale into 100 pound units or smaller; for sale or distribution into a wholesale or retail market.
  - (ii) The purchase and redistribution in to a wholesale or retail market of live groundfish from a harvesting vessel.

**Processor** means a person, vessel, or facility that engages in commercial processing; or receives live groundfish directly from a fishing vessel for retail sale without further processing. (Also see the definition for processors at § 660.140, which defines processor for the purposes of qualifying for initial issuance of QS in the Shorebased IFQ Program.)

- (1) For the purposes of economic data collection or EDC in the Shorebased IFQ Program, shorebased processor means a person that engages in commercial processing, that is an operation working on U.S. soil or permanently fixed to land, that takes delivery of fish that has not been subject to at-sea processing or shorebased processing; and that thereafter engages that particular fish in shorebased processing; and excludes retailers, such as grocery stores and markets, which receive whole or headed and gutted fish that are then filleted and packaged for retail sale. At § 660.114(b), trawl fishery—economic data collection program, the definition of processor is further refined to describe which shorebased processors are required to submit their economic data collection forms.

- (2) [Reserved]

**Prohibited species** means those species and species groups whose retention is prohibited unless authorized by provisions of this section or other applicable law. The following are prohibited species: Any species of salmonid, Pacific halibut, Dungeness crab caught seaward of Washington or Oregon, and groundfish species or species groups under the PCGFMP for which quotas have been achieved and/or the fishery closed.

**Protected species** means those species, other than prohibited species, that are protected under Federal law, including species listed under the Endangered Species Act, marine mammals protected under the Marine Mammal Protection Act, and bird species protected under the Migratory Bird Treaty Act. Species that are both protected and prohibited are considered prohibited species for purposes of this part.

**Quota** means a specified numerical harvest objective, the attainment (or expected attainment) of which causes closure of the fishery for that species or species group.

**Recreational fishing** means fishing with authorized recreational fishing gear for personal use only, and not for sale or barter.

**Regional Administrator** means the Administrator, West Coast Region, NMFS.

**Reserve** means a portion of the harvest guideline or quota set aside at the beginning of the fishing year or biennial fishing period to allow for uncertainties in preseason estimates.

**Round weight.** (See § 600.10 of this chapter). Round weight does not include ice, water, or slime.

**Sale or sell.** (See § 600.10 of this chapter)

**Scientific research activity.** (See § 600.10 of this chapter)

**Secretary.** (See § 600.10 of this chapter)

**Seabird** means those bird species that habitually obtain their food from the sea below the low water mark.

**Specification** is a numerical or descriptive designation of a management objective, including but not limited to: Acceptable biological catch; optimum yield; harvest guideline; quota; limited entry or open access allocation; a set-aside or allocation for a recreational or treaty Indian fishery; an apportionment of the above to an area, gear, season, fishery, or other subdivision.

**Spouse** means a person who is legally married to another person as recognized by state law (*i.e.*, one's wife or husband).

**Stacking or stacked** means registering more than one sablefish-endorsed limited entry permit for use with a single vessel (See § 660.25(b)(4)(iii), subpart C).

**Sustainable Fisheries Division or SFD** means the Assistant Regional Administrator of the Sustainable Fisheries Division, West Coast Region, NMFS, or a designee.

**Target fishing** means fishing for the primary purpose of catching a particular species or species group (the target species).

**Tax-exempt organization** means an organization that received a determination letter from the Internal Revenue Service recognizing tax exemption under 26 CFR part 1 (§§ 1.501 to 1.640).

**Totally lost** means the vessel being replaced no longer exists *in specie*, or is absolutely and irretrievably sunk or otherwise beyond the possible control of the owner, or the costs of repair (including recovery) would exceed the value of the vessel after repairs.

**Trawl fishery or Limited entry trawl fishery** means the groundfish limited entry trawl fishery referred to in subparts C and D, which is composed of vessels registered to a limited entry permit with a trawl endorsement and vessels registered to an MS permit. The trawl fishery is comprised of the following sectors: Catcher/Processor, Mothership, and Shorebased IFQ. The trawl fishery does not include the non-groundfish trawl fisheries, which are all within the open access fishery.

**Trip.** (See § 600.10 of this chapter)

**Trip limits.** Trip limits are used in the commercial fishery to specify the maximum amount of a fish species or species group that may legally be taken and retained, possessed, or landed, per vessel, per fishing trip, or cumulatively per unit of time, or the number of landings that may be made from a vessel in a given period of time, as follows:

- (1) A per trip limit is the total allowable amount of a groundfish species or species group, by weight, or by percentage of weight of legal fish on board, that may be taken and retained, possessed, or landed per vessel from a single fishing trip.
- (2) A daily trip limit is the maximum amount of a groundfish species or species group that may be taken and retained, possessed, or landed per vessel in 24 consecutive hours, starting at 0001 hours local time. Only one landing of groundfish may be made in that 24-hour period. Daily trip limits may not be accumulated during multiple day trips.
- (3) A weekly trip limit is the maximum amount of a groundfish species or species group that may be taken and retained, possessed, or landed per vessel in 7 consecutive days, starting at 0001 hours local time on Sunday and ending at 2400 hours local time on Saturday. Weekly trip limits may not be

accumulated during multiple week trips. If a calendar week falls within two different months or two different cumulative limit periods, a vessel is not entitled to two separate weekly limits during that week.

- (4) A cumulative trip limit is the maximum amount of a groundfish species or species group that may be taken and retained, possessed, or landed per vessel in a specified period of time without a limit on the number of landings or trips, unless otherwise specified. The cumulative trip limit periods for limited entry and open access fisheries, which start at 0001 hours local time and end at 2400 hours local time, are as follows, unless otherwise specified:
- (i) The 2-month or "major" cumulative limit periods are: January 1-February 28/29, March 1-April 30, May 1-June 30, July 1-August 31, September 1-October 31, and, November 1-December 31.
  - (ii) One month means the first day through the last day of the calendar month.
  - (iii) One week means 7 consecutive days, Sunday through Saturday.

*Usual and accustomed fishing areas or U&A fishing areas* for Pacific Coast treaty Indian tribes, occurring within the EEZ, are described at § 660.4, subpart A.

*Vessel manager* means a person or group of persons whom the vessel owner has given authority to oversee all or a portion of groundfish fishing activities aboard the vessel.

*Vessel monitoring system or VMS* means a vessel monitoring system or mobile transceiver unit as set forth in § 660.14, subpart C and approved by NMFS for use on vessels that take (directly or incidentally) species managed under the PCGFMP, as required by this subpart.

*Vessel of the United States or U.S. vessel.* (See § 600.10)

*Vessel owner or owner of a vessel*, as used in subparts C through G of this part, means a person identified as the current owner in the Certificate of Documentation (CG-1270) issued by the USCG for a documented vessel, or in a registration certificate issued by a state or the USCG for an undocumented vessel.

*Weighted gear* means any fishing gear that is combined with an object intended to make the bait, lure or hook sink (e.g. lead or steel sinkers).

[75 FR 60897, Oct. 1, 2010, as amended at 75 FR 78373, Dec. 15, 2010; 76 FR 27529, May 11, 2011; 76 FR 53834, Aug. 30, 2011; 76 FR 74733, Dec. 1, 2011; 78 FR 587, Jan. 3, 2013; 78 FR 68767, Nov. 15, 2013; 78 FR 75278, Dec. 11, 2013; 80 FR 12571, Mar. 10, 2015; 80 FR 22279, Apr. 21, 2015; 80 FR 71980, Nov. 18, 2015; 80 FR 77270, Dec. 14, 2015; 81 FR 36807, June 8, 2016; 81 FR 84425, Nov. 23, 2016; 82 FR 9638, Feb. 7, 2017; 82 FR 60569, Dec. 21, 2017; 83 FR 62275, Dec. 3, 2018; 83 FR 63990, Dec. 12, 2018; 84 FR 49961, Sept. 24, 2019; 84 FR 63972, Nov. 19, 2019; 85 FR 35600, June 11, 2020; 85 FR 79892, Dec. 11, 2020; 86 FR 10867, Feb. 23, 2021; 87 FR 59728, Oct. 3, 2022; 87 FR 77014, Dec. 16, 2022; 88 FR 83840, Dec. 1, 2023]

## § 660.12 General groundfish prohibitions.

In addition to the general prohibitions specified in § 600.725 of this chapter, it is unlawful for any person to:

(a) **General.**

- (1) Retain any prohibited or protected species caught by means of fishing gear authorized under this subpart, unless otherwise authorized. Except as otherwise authorized, prohibited and protected species must be returned to the sea as soon as practicable with a minimum of injury when caught and brought on board.

- (2) Falsify or fail to affix and maintain vessel and gear markings as required by § 660.20 or § 660.219, subpart E or § 660.319, subpart F.
- (3) Fish for groundfish in violation of any terms or conditions attached to an EFP under § 600.745 of this chapter or § 660.30, subpart C of this part.
- (4) Fish for groundfish using gear not authorized in subparts C through G of this part or in violation of any terms or conditions attached to an EFP under § 660.30, subpart C of this part or part 600 of this chapter.
- (5) Take and retain, possess, or land more groundfish than specified under § 660.50, § 660.55, § 660.60 of subpart C, or subpart D through G of this part, or under an EFP issued under § 660.30, subpart C of this part, or part 600 of this chapter.
- (6) Take and retain, possess, or land more than a single cumulative limit of a particular species, per vessel, per applicable cumulative limit period, except for sablefish taken in the primary limited entry, fixed gear sablefish season from a vessel authorized to fish in that season, as described at § 660.231, subpart E.
- (7) Take and retain, possess, or land groundfish in excess of the landing limit for the open access fishery without having a valid limited entry permit for the vessel affixed with a gear endorsement for the gear used to catch the fish.
- (8) Fail to sort, prior to the first weighing after offloading, those groundfish species or species groups for which there is a trip limit, size limit, scientific sorting designation, quota, harvest guideline, ACT, ACL or OY, if the vessel fished or landed in an area during a time when such trip limit, size limit, scientific sorting designation, quota, harvest guideline, ACT, ACL or OY applied; except as specified at § 660.130(d).
- (9) When requested or required by an authorized officer, refuse to present fishing gear for inspection, refuse to present fish subject to such persons control for inspection; or interfere with a fishing gear or marine animal or plant life inspection.
- (10) Transfer fish to another vessel at sea unless the vessel transferring fish is participating in the MS Co-op or C/P Co-op Programs.
- (11) Fail to remove all fish from the vessel at landing (defined in § 660.11) and prior to beginning a new fishing trip, except for processing vessels participating in the MS Co-op or C/P Co-op Programs.
- (12) Fish with dredge gear (defined in § 660.11, subpart C) anywhere within EFH within the EEZ. For the purposes of regulation, EFH within the EEZ is described at § 660.75, subpart C.
- (13) Fish with beam trawl gear (defined in § 660.11, subpart C) anywhere within EFH within the EEZ. For the purposes of regulation, EFH within the EEZ is described at § 660.75, subpart C.
- (14) During times or in areas where at-sea processing is prohibited, take and retain or receive Pacific whiting, except as cargo or fish waste, on a vessel in the fishery management area that already has processed Pacific whiting on board. An exception to this prohibition is provided if the fish are received within the tribal U&A fishing area, described at § 660.4, subpart A, from a member of a Pacific Coast treaty Indian tribe fishing under § 660.50, subpart C.
- (15) Fail to comply with the requirements of the Seabird Avoidance Program described in § 660.21 when commercial fishing for groundfish using bottom longline gear.

- (16) Fish with bottom contact gear (defined at § 660.11) within the EEZ in the following EFHCAs (defined at §§ 660.78 and 660.79): Thompson Seamount, President Jackson Seamount, Cordell Bank (50-fm (91-m) isobath), Harris Point, Richardson Rock, Scorpion, Painted Cave, Anacapa Island, Carrington Point, Judith Rock, Skunk Point, Footprint, Gull Island, South Point, and Santa Barbara.
- (17) Fish with bottom contact gear (defined at § 660.11), or any other gear that is deployed deeper than 500-fm (914-m), within the Davidson Seamount EFHCA (defined at § 660.79).
- (18) Fish with bottom contact gear, defined at § 660.11, in the DECA, defined at § 660.11.
- (19) Fish for, take and retain, possess (except for the purpose of continuous transiting) or land any species of groundfish with groundfish non-trawl bottom contact gear (defined at § 660.11) in the following EFHCAs: Arago Reef West, Bandon High Spot East, Garibaldi Reef North, Garibaldi Reef South, and Nehalem Bank East.
- (20) Fish for, or take and retain, any species of groundfish, during salmon bycatch fishery closures described in § 660.60(d)(1)(iv) and (v), or fail to comply with the salmon bycatch management provisions described in § 660.60(i).
- (21) Fish for, take and retain, possess (except for the purpose of continuous transiting) or land any species of groundfish in a Block Area Closure enacted under subparts C through F of this part.

(b) **Reporting and Recordkeeping.**

- (1) Falsify or fail to make and/or file, retain or make available any and all reports of groundfish landings, containing all data, and in the exact manner, required by the applicable State law, as specified in § 660.13, subpart C, provided that person is required to do so by the applicable state law.
- (2) Fail to retain on board a vessel from which groundfish is landed, and provide to an authorized officer upon request, copies of any and all reports of groundfish landings, or receipts containing all data, and made in the exact manner required by the applicable state law throughout the cumulative limit period during which such landings occurred and for 15 days thereafter.
- (3) Falsify or fail to prepare and/or file, retain or make available records of fishing activities as specified in § 660.13(a)(1) or (2).

(c) **Limited entry fisheries.**

- (1) Carry on board a vessel, or deploy, limited entry gear when the limited entry fishery for that gear is closed, except that a vessel may carry on board limited entry groundfish trawl gear as provided in § 660.112(a)(1), subpart D.
- (2) [Reserved]

(d) **Limited entry permits.**

- (1) If a limited entry permit is registered for use with a vessel, fail to carry that permit onboard the vessel registered for use with the permit. A photocopy of the permit may not substitute for the original permit itself.
- (2) Make a false statement on an application for issuance, renewal, permit registration, vessel registration, replacement of a limited entry permit, or a declaration of ownership interest in a limited entry permit.

(e) **Groundfish observer program.**

- (1) Forcibly assault, resist, oppose, impede, intimidate, harass, sexually harass, bribe, or interfere with an observer.
- (2) Interfere with or bias the sampling procedure employed by an observer including either mechanically or manually sorting or discarding catch before sampling.
- (3) Tamper with, destroy, or discard an observer's collected samples, equipment, records, photographic film, papers, or personal effects without the express consent of the observer.
- (4) Harass an observer by conduct that:
  - (i) Has sexual connotations,
  - (ii) Has the purpose or effect of interfering with the observer's work performance, and/or
  - (iii) Otherwise creates an intimidating, hostile, or offensive environment. In determining whether conduct constitutes harassment, the totality of the circumstances, including the nature of the conduct and the context in which it occurred, will be considered. The determination of the legality of a particular action will be made from the facts on a case-by-case basis.
- (5) Fish for, land, or process fish without observer coverage when a vessel is required to carry an observer under subparts C through G of this part.
- (6) Fish when a vessel is required to carry an observer under subparts C through G of this part if:
  - (i) The vessel is inadequate for observer deployment as specified at § 600.746 of this chapter;
  - (ii) The vessel does not maintain safe conditions for an observer as specified at §§ 660.140(h), 660.150(j), or 660.160(g); or
  - (iii) NMFS, the observer provider, or the observer determines the vessel is inadequate or unsafe pursuant to vessel responsibilities to maintain safe conditions as specified at §§ 660.140(h), 660.150(j), or 660.160(g).
- (7) Require, pressure, coerce, or threaten an observer to perform duties normally performed by crew members, including, but not limited to, cooking, washing dishes, standing watch, vessel maintenance, assisting with the setting or retrieval of gear, or any duties associated with the processing of fish, from sorting the catch to the storage of the finished product.
- (8) Fail to meet the vessel responsibilities and observer coverage requirements specified at §§ 660.140(h), 660.150(j), 660.160(g), 660.216, or 660.316,
- (9) Fail to meet the observer provider responsibilities specified at §§ 660.140(h), 660.150(j), 660.160(g), 660.216 or 660.316.

(f) ***Groundfish catch monitor program.***

- (1) Forcibly assault, resist, oppose, impede, intimidate, harass, sexually harass, bribe, or interfere with a catch monitor.
- (2) Interfere with or bias the monitoring procedure employed by a catch monitor, including either mechanically or manually sorting or discarding catch before it's monitored.
- (3) Tamper with, destroy, or discard a catch monitor's collected samples, equipment, records, photographic film, papers, or personal effects.
- (4) Harass a catch monitor by conduct that:

- (i) Has sexual connotations,
- (ii) Has the purpose or effect of interfering with the catch monitor's work performance, and/or
- (iii) Otherwise creates an intimidating, hostile, or offensive environment. In determining whether conduct constitutes harassment, the totality of the circumstances, including the nature of the conduct and the context in which it occurred, will be considered. The determination of the legality of a particular action will be made from the facts on a case-by-case basis.

- (5) Receive, purchase, or take custody, control, or possession of a delivery without catch monitor coverage when such coverage is required under § 660.140(i).
- (6) Fail to allow the catch monitor unobstructed access to catch sorting, processing, catch counting, catch weighing, or electronic or paper fish tickets.
- (7) Fail to provide reasonable assistance to the catch monitor.
- (8) Require, pressure, coerce, or threaten a catch monitor to perform duties normally performed by employees of the first receiver, including, but not limited to duties associated with the receiving of landing, processing of fish, sorting of catch, or the storage of the finished product.
- (9) Fail to meet the catch monitor provider responsibilities specified at § 660.17(e).

**(g) Vessel Monitoring Systems.**

- (1) Use any vessel required to operate and maintain a VMS unit under § 660.14(b) unless that vessel carries a NMFS OLE type-approved mobile transceiver unit and complies with all the requirements described at § 660.14(c).
- (2) Fail to install, activate, repair or replace a mobile transceiver unit prior to leaving port as specified at § 660.14.
- (3) Fail to operate and maintain a mobile transceiver unit on board the vessel at all times as specified at § 660.14.
- (4) Tamper with, damage, destroy, alter, or in any way distort, render useless, inoperative, ineffective, or inaccurate the VMS, mobile transceiver unit, or VMS signal required to be installed on or transmitted by a vessel as specified at § 660.14.
- (5) Fail to contact NMFS OLE or follow NMFS OLE instructions when automatic position reporting has been interrupted as specified at § 660.14.
- (6) Register the same VMS transceiver unit to more than one vessel at the same time.
- (7) Falsify any VMS activation report or VMS exemption report that is authorized or required, as specified at § 660.14.
- (8) Falsify any declaration report that is required, as specified at § 660.13.

[75 FR 60897, Oct. 1, 2010, as amended at 75 FR 78374, Dec. 15, 2010; 76 FR 27529, May 11, 2011; 76 FR 53834, Aug. 30, 2011; 76 FR 74733, Dec. 1, 2011; 78 FR 587, Jan. 3, 2013; 78 FR 68767, Nov. 15, 2013; 80 FR 22279, Apr. 21, 2015; 80 FR 71980, Nov. 18, 2015; 80 FR 77270, Dec. 14, 2015; 81 FR 36807, June 8, 2016; 81 FR 84425, Nov. 23, 2016; 84 FR 32098, July 5, 2019; 84 FR 63973, Nov. 19, 2019; 86 FR 10867, Feb. 23, 2021; 87 FR 59728, Oct. 3, 2022; 88 FR 81358, Nov. 22, 2023; 88 FR 83840, Dec. 1, 2023]

## § 660.13 Recordkeeping and reporting.

- (a) This subpart recognizes that catch and effort data necessary for implementing the PCGFMP are collected by the States of Washington, Oregon, and California under existing state data collection requirements.
- (1) **Trawl logbook.** In the absence of a state trawl logbook requirement based on the port of landing, the authorized representative of the commercial trawl fishing vessel registered to a limited entry permit with a trawl gear endorsement participating in the Shorebased IFQ Program groundfish trawl fisheries must keep and submit a complete and accurate record of fishing activities in the trawl logbook form. The following requirements apply:
- (i) The authorized representative of the vessel must keep the trawl logbook form on board the vessel while engaged in, or returning from, all Shorebased IFQ Program trips using groundfish trawl gear, and must immediately surrender the logbook form upon demand to NMFS or other authorized officers.
  - (ii) The authorized representative of the vessel must complete the trawl logbook form on all Shorebased IFQ Program trips using groundfish trawl gear, with all available information, except for information not yet ascertainable, prior to entering port. The logbook form must be completed as soon as the information becomes available. The information on the logbook form will include at a minimum: Vessel name, vessel trip start and end dates, crew size, tow start, tow completion, location of tow, average depth of catch, net type, target strategy, and estimated retained pounds by species.
  - (iii) The authorized representative of the vessel must deliver the NMFS copy of the trawl logbook form by mail or in person to NMFS or its agent. The authorized representative of the vessel must transmit the logbook form on or before the 10th day of each month following the month to which the records pertain.
  - (iv) The authorized representative of the vessel responsible for submitting the trawl logbook forms must maintain a copy of all submitted logbooks for up to three years after the fishing activity ended.
- (2) **Non-Trawl Logbook.** The authorized representative of a commercial vessel participating in the below list of groundfish fishery sectors must keep and submit a complete and accurate record of fishing activities in the non-trawl electronic logbook application:
- (i) The directed open access fishery, as defined at § 660.11;
  - (ii) The limited entry fixed gear trip limit fisheries subject to the trip limits in Table 2 North and South to Subpart E, and primary sablefish fisheries, as defined at § 660.211; and
  - (iii) Gear switching in the Shorebased IFQ Program, as defined at § 660.140(k).
- (3) **Non-Trawl Electronic Logbook Application.** The non-trawl electronic logbook application is a web-based portal used to send data from non-trawl fishing trips to the Pacific States Marine Fisheries Commission. The following requirements apply:
- (i) The authorized representative of the vessel must complete an entry in the non-trawl electronic logbook application for all groundfish fishing trips, as defined under § 660.11. Required information for each fishing trip includes, but is not limited to, information on set-level data on catch, discards, fishing location, fishing depth, gear configuration, and sale.



(ii) The authorized representative of the vessel must complete an entry for each groundfish fishing trip in the non-trawl electronic logbook application with valid responses for all data fields in the application, except for information not yet ascertainable, prior to entering port, subject to the following requirements:

(A) **Setting gear.** Logbook entries for setting gear, including vessel information, gear specifications, set date/time/location, must be completed within 2 hours of setting gear. The authorized representative of each vessel may record or document this information in a format outside of the electronic logbook application (e.g., waterproof paper). Information recorded outside of the electronic logbook application must be available for review at-sea by authorized law enforcement personnel upon request, and must be entered into the electronic application per subparagraph C.

(B) **Retrieving gear.** Logbook entries for retrieving gear, including date/time recovered and catch/discard information, must be completed within 4 hours of retrieving gear. The authorized representative of each vessel may record or document this information in a format outside of the electronic logbook application (e.g., waterproof paper). Information recorded outside of the logbook entry must be available for review at-sea by authorized law enforcement personnel upon request, and must be entered into the electronic application per subparagraph C.

(C) **Non-Trawl Electronic Logbook Submission.** The authorized representative of the vessel must complete and submit entries in the non-trawl electronic logbook application within 24 hours of the completion of offload, including information under subparagraphs A and B that was captured but not recorded in the electronic logbook application while fishing.

(4) **Non-Trawl Paper Logbook.** For a minimum of one year from the effective date of the final rule, vessels subject to this non-trawl logbook requirement are permitted to submit a paper logbook form in lieu of the requirement to fill out the non-trawl electronic logbook application. The West Coast Regional Administrator will prescribe the paper logbook forms required under this section. NMFS will issue a public notice at least 90 calendar days prior to ending the optional provision to submit a paper logbook. The authorized representative of the vessel must complete the non-trawl logbook form on all groundfish trips, subject to the same requirements as for the non-trawl electronic logbook application, listed above in § 660.13(a)(3)(i) through (ii). The authorized representative of the vessel must deliver the NMFS copy of the non-trawl logbook form by mail, email, or in person to NMFS or its agent within 30 days of landing. The authorized representative of the vessel responsible for submitting the non-trawl logbook forms must maintain a copy of all submitted logbooks for a minimum of three years after the fishing activity ended.

(b) Any person who is required to do so by the applicable state law must make and/or file, retain, or make available any and all reports (i.e., logbooks, state landing receipts, etc.) of groundfish harvests and landings containing all data, and in the exact manner, required by the applicable state law.

(c) Any person landing groundfish must retain on board the vessel from which groundfish is landed, and provide to an authorized officer upon request, copies of any and all reports of groundfish landings containing all data, and in the exact manner, required by the applicable state law throughout the cumulative limit period during which a landing occurred and for 15 days thereafter.

- (d) **Declaration reporting requirements.** When the operator of a vessel registers a VMS unit with NMFS OLE, the vessel operator must provide NMFS with a declaration report as specified at paragraph (d)(4)(iv) of this section. The operator of any vessel that has already registered a VMS unit with NMFS OLE but has not yet made a declaration, as specified at paragraph (d)(4)(iv) of this section, must provide NMFS with a declaration report upon request from NMFS OLE.
- (1) **Declaration reports for vessels registered to limited entry permits.** The operator of any vessel registered to a limited entry permit must provide NMFS OLE with a declaration report, as specified at paragraph (d)(4)(iv) of this section, before the vessel leaves port on a trip in which the vessel is used to fish in U.S. ocean waters between 0 and 200 nm offshore of Washington, Oregon, or California.
- (i) Limited entry trawl vessels fishing in the Shorebased IFQ Program must provide NMFS OLE with a new declaration report each time a different groundfish trawl gear (bottom or midwater only) is fished. The declaration may be made from sea and must be made to NMFS before a different type (bottom or midwater only) of groundfish trawl gear is fished.
- (ii) Limited entry midwater trawl vessels targeting Pacific whiting may change their declarations while at sea between the Pacific whiting shorebased IFQ sector and the mothership sector as specified at paragraph (d)(4)(iv)(A) of this section. The declaration must be made to NMFS before a different sector is fished.
- (2) **Declaration reports for all vessels using non-groundfish trawl gear.** The operator of any vessel that is not registered to a limited entry permit and which uses non-groundfish trawl gear to fish in the EEZ (3-200 nm offshore), must provide NMFS OLE with a declaration report, as specified at paragraph (d)(4)(iv) of this section, before the vessel leaves port to fish in the EEZ.
- (3) **Declaration reports for open access vessels using non trawl gear (all types of open access gear other than non-groundfish trawl gear).** The operator of any vessel that is not registered to a limited entry permit, must provide NMFS with a declaration report, as specified at paragraph (d)(4)(iv) of this section, before the vessel leaves port on a trip in which the vessel is used to take and retain or possess groundfish in the EEZ or land groundfish taken in the EEZ.
- (4) **Declaration reports.**
- (i) The operator of a vessel specified in paragraphs (d)(1), (d)(2), and (d)(3) of this section must provide a declaration report to NMFS OLE prior to leaving port on the first trip in which the vessel meets the requirement specified at § 660.14(b) to have a VMS.
- (ii) A declaration report will be valid until another declaration report revising the existing gear, monitoring, or fishery, declaration is received by NMFS OLE. The vessel operator must send a new declaration report before leaving port on a trip that meets one of the following criteria:
- (A) A gear type that is different from the gear type most recently declared for the vessel will be used, or
- (B) A monitoring type that is different from the monitoring type most recently declared for the vessel will be used, or
- (C) A vessel will fish in a fishery other than the fishery most recently declared.
- (iii) During the period of time that a vessel has a valid declaration report on file with NMFS OLE, it cannot fish with a gear and monitoring type other than a gear type and monitoring type declared by the vessel or fish in a fishery other than the fishery most recently declared.

- (iv) Declaration reports will include: The vessel name and/or identification number, gear type, and monitoring type where applicable, (as defined in paragraph (d)(4)(iv)(A) of this section). Upon receipt of a declaration report, NMFS will provide a confirmation code or receipt to confirm that a valid declaration report was received for the vessel. Retention of the confirmation code or receipt to verify that a valid declaration report was filed and the declaration requirement was met is the responsibility of the vessel owner or operator. Vessels using non-trawl gear may declare more than one gear type with the exception of vessels participating in the Shorebased IFQ Program (*i.e.*, gear switching) and those vessels declaring to fish inside the Non-Trawl RCA with non-bottom contact stationary vertical jig gear or groundfish troll gear (*i.e.*, if one of these declarations is used, no other declaration may be made on that fishing trip); however, vessels using trawl gear may only declare one of the trawl gear types listed in paragraph (d)(4)(iv)(A) of this section on any trip and may not declare non-trawl gear on the same trip in which trawl gear is declared.
- (A) One of the following gear types or sectors, and monitoring type where applicable, must be declared:
- (1) Limited entry fixed gear, not including shorebased IFQ (declaration code 10);
  - (2) Limited entry groundfish non-trawl, shorebased IFQ, observer (declaration code 11);
  - (3) Limited entry groundfish non-trawl, shorebased IFQ, electronic monitoring (declaration code 11);
  - (4) Limited entry midwater trawl, non-whiting shorebased IFQ, observer (declaration code 20);
  - (5) Limited entry midwater trawl, non-whiting shorebased IFQ, electronic monitoring (declaration code 20),
  - (6) Limited entry midwater trawl, Pacific whiting shorebased IFQ, observer (declaration code 21);
  - (7) Limited entry midwater trawl, Pacific whiting shorebased IFQ, electronic monitoring (declaration code 21);
  - (8) Limited entry midwater trawl, Pacific whiting catcher/processor sector (declaration code 22);
  - (9) Limited entry midwater trawl, Pacific whiting mothership sector (catcher vessel or mothership), observer (declaration code 23);
  - (10) Limited entry midwater trawl, Pacific whiting mothership sector (catcher vessel), electronic monitoring (declaration code 23);
  - (11) Limited entry bottom trawl, shorebased IFQ, not including demersal trawl or selective flatfish trawl, observer (declaration code 30);
  - (12) Limited entry bottom trawl, shorebased IFQ, not including demersal trawl or selective flatfish trawl, electronic monitoring (declaration code 30);
  - (13) Limited entry demersal trawl, shorebased IFQ, observer (declaration code 31);
  - (14) Limited entry demersal trawl, shorebased IFQ, electronic monitoring (declaration code 31);

- (15) Limited entry selective flatfish trawl, shorebased IFQ, observer (declaration code 32);
- (16) Limited entry selective flatfish trawl, shorebased IFQ, electronic monitoring (declaration code 32);
- (17) Non-groundfish trawl gear for pink shrimp (declaration code 41);
- (18) Non-groundfish trawl gear for ridgeback prawn (declaration code 40);
- (19) Non-groundfish trawl gear for California halibut (declaration code 42);
- (20) Non-groundfish trawl gear for sea cucumber (declaration code 43);
- (21) Open access bottom contact hook-and-line gear for groundfish (e.g., bottom longline, commercial vertical hook-and-line, dinglebar) (declaration code 33);
- (22) Open access Pacific halibut longline gear (declaration code 62);
- (23) Open access groundfish trap or pot gear (declaration code 34);
- (24) Open access Dungeness crab trap or pot gear (declaration code 61);
- (25) Open access prawn trap or pot gear (declaration code 60);
- (26) Open access sheephead trap or pot gear (declaration code 65);
- (27) Open access non-bottom contact hook and line gear for groundfish (e.g., troll, jig gear, rod & reel gear) (outside the non-trawl RCA only) (declaration code 35);
- (28) Open access non-bottom contact stationary vertical jig gear (allowed inside or outside the non-trawl RCA) (declaration code 36);
- (29) Open access non-bottom contact troll gear (allowed inside or outside the non-trawl RCA) (declaration code 37);
- (30) Limited entry fixed gear non-bottom contact stationary vertical jig gear (allowed inside or outside the nontrawl RCA) (declaration code 12);
- (31) Limited entry fixed gear non-bottom contact groundfish troll gear (allowed inside or outside the nontrawl RCA) (declaration code 13);
- (32) Limited entry groundfish non-trawl, shorebased IFQ, non-bottom contact stationary vertical jig gear (allowed inside or outside the nontrawl RCA) (declaration code 14);
- (33) Limited entry groundfish non-trawl, shorebased IFQ, non-bottom contact groundfish troll gear (allowed inside or outside the nontrawl RCA) (declaration code 15);
- (34) Open access HMS line gear (declaration code 66);
- (35) Open access salmon troll gear (declaration code 63);
- (36) Open access California Halibut line gear (declaration code 64);
- (37) Open access Coastal Pelagic Species net gear (declaration code 67);
- (38) Other, a gear that is not listed above (declaration code 69);
- (39) Tribal trawl gear (declaration code 50);
- (40) Open access set net or gillnet gear—California (declaration 68); or

(41) Gear testing, Trawl Rationalization fishery (declaration code 70).

(B) [Reserved]

- (v) Upon receipt of a declaration report, NMFS will provide a confirmation code or receipt to confirm that a valid declaration report was received for the vessel. Vessel owners or operators are responsible for retaining the confirmation code or receipt to verify that a valid declaration report was filed.

[75 FR 60897, Oct. 1, 2010, as amended at 75 FR 78374, Dec. 15, 2010; 76 FR 74733, Dec. 1, 2011; 81 FR 84425, Nov. 23, 2016; 83 FR 62275, Dec. 3, 2018; 83 FR 66637, Dec. 27, 2018; 84 FR 31158, June 28, 2019; 84 FR 32098, July 5, 2019; 85 FR 35600, June 11, 2020; 86 FR 10867, Feb. 23, 2021; 87 FR 59713, 59728, Oct. 3, 2022; 87 FR 74328, Dec. 5, 2022; 88 FR 12867, Mar. 1, 2023; 88 FR 83840, Dec. 1, 2023]

### § 660.14 Vessel Monitoring System (VMS) requirements.

- (a) **What is a VMS?** A VMS consists of a NMFS OLE type-approved mobile transceiver unit that automatically determines the vessel's position and transmits it to a NMFS OLE type-approved communications service provider. The communications service provider receives the transmission and relays it to NMFS OLE.
- (b) **Who is Required to Have a VMS?** The following vessels are required to install a NMFS OLE type-approved mobile transceiver unit and to arrange for a NMFS OLE type-approved communications service provider to receive and relay transmissions to NMFS OLE prior to fishing:
- (1) Any vessel registered for use with a limited entry "A" endorsed permit (*i.e.*, not an MS permit) that fishes in state or Federal waters seaward of the baseline from which the territorial sea is measured off the States of Washington, Oregon or California (0-200 nm offshore).
  - (2) Any vessel that uses non-groundfish trawl gear to fish in the EEZ.
  - (3) Any vessel that uses open access gear to take and retain, or possess groundfish in the EEZ or land groundfish taken in the EEZ.
- (c) **How are Mobile Transceiver Units and Communications Service Providers Approved by NMFS OLE?**
- (1) NMFS OLE will publish type-approval specifications for VMS components in the FEDERAL REGISTER or notify the public through other appropriate media.
  - (2) Mobile transceiver unit manufacturers or communication service providers will submit products or services to NMFS OLE for evaluation based on the published specifications.
  - (3) NMFS OLE may publish a list of NMFS OLE type-approved mobile transceiver units and communication service providers for the Pacific Coast groundfish fishery in the FEDERAL REGISTER or notify the public through other appropriate media. As necessary, NMFS OLE may publish amendments to the list of type-approved mobile transceiver units and communication service providers in the FEDERAL REGISTER or through other appropriate media. A list of VMS transceivers that have been type-approved by NMFS OLE may be mailed to the permit owner's address of record. NMFS will bear no responsibility if a notification is sent to the address of record and is not received because the applicant's actual address has changed without notification to NMFS, as required at § 660.25(b)(4)(i)(B).
- (d) **What are the Vessel Owner's Responsibilities?** If you are a vessel owner that must participate in the VMS program, you or the vessel operator must:

- (1) Obtain a NMFS OLE type-approved mobile transceiver unit and have it installed on board your vessel in accordance with the instructions provided by NMFS OLE. You may obtain a copy of the VMS installation and operation instructions from the NMFS OLE West Coast Region, VMS Program Manager upon request at 7600 Sand Point Way NE, Seattle, WA 98115-6349, phone: 888-585-5518 or [wcd.vms@noaa.gov](mailto:wcd.vms@noaa.gov).
- (2) Activate the mobile transceiver unit, submit an activation report at least 72 hours prior to leaving port on a trip in which VMS is required, and receive confirmation from NMFS OLE that the VMS transmissions are being received before participating in a fishery requiring the VMS. Instructions for submitting an activation report may be obtained from the NMFS OLE West Coast Region, VMS Program Manager upon request at 7600 Sand Point Way NE, Seattle, WA 98115-6349, phone: 888-585-5518 or [wcd.vms@noaa.gov](mailto:wcd.vms@noaa.gov). An activation report must again be submitted to NMFS OLE following reinstallation of a mobile transceiver unit or change in service provider before the vessel may be used to fish in a fishery requiring the VMS.
  - (i) **Activation reports.** If you are a vessel owner who must use VMS and you are activating a VMS transceiver unit for the first time or reactivating a VMS transceiver unit following a reinstallation of a mobile transceiver unit or change in service provider, you must fax NMFS OLE an activation report that includes: Vessel name; vessel owner's name, address and telephone number, vessel operator's name, address and telephone number, USCG vessel documentation number/state registration number; if applicable, the groundfish permit number the vessel is registered to; VMS transceiver unit manufacturer; VMS communications service provider; VMS transceiver identification; identifying if the unit is the primary or backup; and a statement signed and dated by the vessel owner confirming compliance with the installation procedures provided by NMFS OLE.
  - (ii) **Transferring ownership of VMS unit.** Ownership of the VMS transceiver unit may be transferred from one vessel owner to another vessel owner if all of the following documents are provided to NMFS OLE: A new activation report, which identifies that the transceiver unit was previously registered to another vessel; a notarized bill of sale showing proof of ownership of the VMS transceiver unit; documentation from the communications service provider showing proof that the service agreement for the previous vessel was terminated and that a service agreement was established for the new vessel.
- (3) Operate and maintain the mobile transceiver unit in good working order continuously, 24 hours a day throughout the fishing year, unless such vessel is exempted under [paragraph \(d\)\(4\)](#) of this section.
  - (i) **Position frequency.** The mobile transceiver unit must transmit a signal accurately indicating the vessel's position at least once every 15 minutes, 24 hours a day, throughout the year unless an exemption in [paragraph \(d\)\(3\)\(ii\)](#) of this section applies or a valid exemption report, as described in [paragraph \(d\)\(4\)](#) of this section, has been received by NMFS OLE. The signal indicating the vessel's position can consist of either: A single position report transmitted every 15 minutes; or a series of position reports, at no more than a 15 minute interval, combined and transmitted at least once every hour.
  - (ii) **Exemptions to position frequency requirement –**
    - (A) **Electronic monitoring exemption.** If a vessel has an electronic monitoring system installed and in use for the duration of a given fishing year, the mobile transceiver unit must transmit a signal at least once every hour.

- (B) **Midwater trawl exemption.** If a limited entry trawl vessel is fishing with midwater trawl gear under declarations in § 660.13(d)(4)(iv)(A), the mobile transceiver unit must transmit a signal at least once every hour.
  - (C) **In port exemption.** If a vessel remains in port for an extended period of time, the mobile transceiver unit must transmit a signal at least once every four hours. The mobile transceiver unit must remain in continuous operation at all times unless the vessel is exempt under paragraph (d)(4) of this section.
  - (D) **Pink shrimp trawl exemption.** If a vessel is fishing for pink shrimp using non-groundfish trawl gear under declarations in § 660.13(d)(4)(iv)(A), the mobile transceiver unit must transmit a signal at least once every hour.
- (4) **VMS exemptions.** A vessel that is required to operate and maintain the mobile transceiver unit continuously 24 hours a day throughout the fishing year may be exempted from this requirement if a valid exemption report, as described at paragraph (d)(4)(ix) of this section, is received by NMFS OLE and the vessel is in compliance with all conditions and requirements of the VMS exemption identified in this section and specified in the exemption report.
- (i) **Haul out exemption.** When it is anticipated that a vessel will be continuously out of the water for more than 7 consecutive days and a valid exemption report has been received by NMFS OLE, electrical power to the VMS mobile transceiver unit may be removed and transmissions may be discontinued. Under this exemption, VMS transmissions can be discontinued from the time the vessel is removed from the water until the time that the vessel is placed back in the water.
  - (ii) **Outside areas exemption.** When the vessel will be operating seaward of the EEZ off Washington, Oregon, or California continuously for more than 7 consecutive days and a valid exemption report has been received by NMFS OLE, the VMS mobile transceiver unit transmissions may be reduced or discontinued from the time the vessel leaves the EEZ off the coasts of Washington, Oregon or California until the time that the vessel re-enters the EEZ off the coasts of Washington, Oregon or California. Under this exemption, the vessel owner or operator can request that NMFS OLE reduce or discontinue the VMS transmissions after receipt of an exemption report, if the vessel is equipped with a VMS transceiver unit that NMFS OLE has approved for this exemption.
  - (iii) **Permit exemption.** If the limited entry permit had a change in vessel registration so that it is no longer registered to the vessel (for the purposes of this section, this includes permits placed into “unidentified” status), the vessel may be exempted from VMS requirements providing the vessel is not used in a fishery requiring VMS off the States of Washington, Oregon or California (0-200 nm offshore) for the remainder of the fishing year. If the vessel is used to fish in this area for any species of fish at any time during the remaining portion of the fishing year without being registered to a limited entry permit, the vessel is required to have and use VMS.
  - (iv) **Long-term departure exemption.** A vessel participating in the open access fishery that is required to have VMS under paragraph (b)(2) of this section may be exempted from VMS provisions after the end of the fishing year in which it used non-groundfish trawl gear, providing the vessel submits a completed exemption report signed by the vessel owner that includes a statement signed by the vessel owner indicating that the vessel will not use non-groundfish trawl gear to fish in the EEZ during the new fishing year. A vessel participating in the open access fishery that is required to have VMS under paragraph (b)(3) of this section also may be exempted from VMS provisions after the end of the fishing year in which it fished in the open

access fishery, providing the vessel submits a completed exemption report signed by the vessel owner that includes a statement signed by the vessel owner indicating that the vessel will not be used to take and retain or possess groundfish in the EEZ or land groundfish taken in the EEZ during the new fishing year.

- (v) **Maintenance Exemption.** When it is anticipated that a vessel will be without power or in a maintenance condition for more than 4 consecutive hours, preventing operation of the vessel's VMS unit, and if a valid exemption report has been received by NMFS OLE, electrical power to the VMS mobile transceiver unit may be removed and transmissions may be discontinued. Under this exemption, VMS transmissions can be discontinued from the time the vessel is in the maintenance condition until the time the maintenance is completed.
- (vi) **Sale of Vessel Exemption.** When a new vessel owner purchases a vessel with VMS and does not intend to participate in an activity requiring VMS, but the previous vessel owner had not received a VMS exemption prior to the sale, VMS transmissions may be discontinued by the new vessel owner. Under this exemption, VMS transmissions can be discontinued indefinitely, upon purchase of the vessel, and no subsequent VMS transmissions will be required unless the new vessel owner engages in an activity requiring VMS.
- (vii) **Emergency exemption.** Vessels required to have VMS under paragraph (b) of this section may be exempted from VMS provisions in emergency situations that are beyond the vessel owner's control, including but not limited to: Fire, flooding, or extensive physical damage to critical areas of the vessel. A vessel owner may apply for an emergency exemption from the VMS requirements specified in paragraph (b) of this section for his/her vessel by sending a written request to NMFS OLE specifying the following information: The reasons for seeking an exemption, including any supporting documents (e.g., repair invoices, photographs showing damage to the vessel, insurance claim forms, etc.); the time period for which the exemption is requested; and the location of the vessel while the exemption is in effect. NMFS OLE will issue a written determination granting or denying the emergency exemption request. A vessel will not be covered by the emergency exemption until NMFS OLE issues a determination granting the exemption. If an exemption is granted, the duration of the exemption will be specified in the NMFS OLE determination.
- (viii) **Submission of exemption reports.** Signed long-term departure exemption reports must be submitted by fax or by emailing an electronic copy of the actual report. In the event of an emergency in which an emergency exemption request will be submitted, initial contact with NMFS OLE must be made by telephone, fax or email within 24 hours from when the incident occurred. Emergency exemption requests must be requested in writing within 72 hours from when the incident occurred. Maintenance exemption requests must include signed written documentation of the work being done and the name of the company doing the work, if applicable. Sale of Vessel exemption requests must include documentation of purchase of the vessel by the new owner. Other exemption reports must be submitted through the VMS or another method that is approved by NMFS OLE and announced in the FEDERAL REGISTER. Submission methods for exemption requests, except maintenance, sale of vessel, long-term departures and emergency exemption requests, may include email, facsimile, or telephone. NMFS OLE will provide, through appropriate media, instructions to the public on submitting exemption reports. Instructions and other information needed to make exemption reports may be mailed to the vessel owner's address of record. NMFS will bear no responsibility if a notification is sent to the address of record for the vessel owner and is not received because the vessel owner's actual address has changed without notification to NMFS. Owners of



vessels required to use VMS who do not receive instructions by mail are responsible for contacting NMFS OLE during business hours at least 3 days before the exemption is required to be submitted to obtain information needed to make exemption reports. NMFS OLE must be contacted during business hours (Monday through Friday between 0800 and 1700 Pacific Time).

- (ix) **Valid exemption reports.** For an exemption report to be valid, it must be received by NMFS at least 2 hours and not more than 24 hours before the exempted activities defined at paragraphs (d)(4)(i) through (vi) of this section occur. An exemption report is valid until NMFS receives a report canceling the exemption. An exemption cancellation must be received at least 2 hours before the vessel re-enters the EEZ following an outside areas exemption; at least 2 hours before the vessel is placed back in the water following a haul out exemption; at least 2 hours before the vessel operates following a maintenance exemption; at least 2 hours before the vessel resumes fishing for a species of fish or with gear requiring VMS in state or Federal waters off the States of Washington, Oregon, or California after it has received a permit exemption; or at least 2 hours before a vessel resumes fishing in the open access fishery after a long-term departure exemption. If a vessel is required to submit an activation report under paragraph (d)(2)(i) of this section before returning to fish, that report may substitute for the exemption cancellation. Initial contact must be made with NMFS OLE not more than 24 hours after the time that an emergency situation occurred in which VMS transmissions were disrupted and followed by a written emergency exemption request within 72 hours from when the incident occurred. If the emergency situation upon which an emergency exemption is based is resolved before the exemption expires, an exemption cancellation must be received by NMFS at least 2 hours before the vessel resumes fishing.
- (5) When aware that transmission of automatic position reports has been interrupted, or when notified by NMFS OLE that automatic position reports are not being received, contact NMFS West Coast Region, VMS Program Manager upon request at 7600 Sand Point Way NE, Seattle, WA 98115-6349, phone: 888-585-5518 or [wcd.vms@noaa.gov](mailto:wcd.vms@noaa.gov) and follow the instructions provided to you. Such instructions may include, but are not limited to, manually communicating to a location designated by NMFS OLE the vessel's position or returning to port until the VMS is operable.
- (6) After a fishing trip during which interruption of automatic position reports has occurred, the vessel's owner or operator must replace or repair the mobile transceiver unit prior to the vessel's next fishing trip. Repair or reinstallation of a mobile transceiver unit or installation of a replacement, including change of communications service provider shall be in accordance with the instructions provided by NMFS OLE and require the same certification.
- (7) Make the mobile transceiver units available for inspection by NMFS OLE personnel, USCG personnel, state enforcement personnel or any authorized officer.
- (8) Ensure that the mobile transceiver unit is not tampered with, disabled, destroyed, operated, or maintained improperly.
- (9) Pay all charges levied by the communication service provider as necessary to ensure continuous operation of the VMS transceiver units.

[75 FR 60897, Oct. 1, 2010, as amended at 75 FR 78374, Dec. 15, 2010; 76 FR 74733, Dec. 1, 2011; 85 FR 35600, June 11, 2020; 87 FR 11599, Mar. 2, 2022; 88 FR 83841, Dec. 1, 2023]

## § 660.15 Equipment requirements.

- (a) **Applicability.** This section contains the equipment and operational requirements for scales used to weigh catch at sea, scales used to weigh catch at IFQ first receivers, hardware and software for electronic fish tickets, and computer hardware for electronic logbook software. Unless otherwise specified by regulation, the operator or manager must retain, for 3 years, a copy of all records described in this section and make the records available upon request to NMFS staff or an authorized officer.
- (b) **Scales used to weigh fish at sea.** Vessel owners, operators, and managers are jointly and severally responsible for their vessel's compliance with the requirements specified in this section.
  - (1) **Performance and technical requirements for scales in the MS and C/P Co-op Programs.** A scale used to weigh fish in the MS and C/P Co-op Programs must meet the type evaluation, initial inspection, and annual reinspection requirements set forth in 50 CFR 679.28(b)(1) and (2), and must be approved by NMFS to weigh fish at sea.
  - (2) **Annual inspection.** Once a scale is installed on a vessel and approved by NMFS for use to weigh fish at sea, it must be reinspected annually within 12 months of the date of the most recent inspection to determine if the scale meets all of the applicable performance and technical requirements as described in 50 CFR 679.28(b).
  - (3) **Daily testing.** Each scale used to weigh fish must be tested at least once each calendar day to ensure that each scale meets the maximum permissible error requirements described at paragraph (b)(4) of this section.
  - (4) **Daily at-sea scale tests.** To verify that the scale meets the maximum permissible errors specified in this paragraph, each scale used to weigh fish must be tested at least one time during each calendar day when use of the scale is required. The tests must be performed in an accurate and timely manner.
    - (i) **Flow or Belt scales –**
      - (A) **Maximum permissible errors.** The maximum permissible errors for the daily at-sea scale test is plus or minus 3 percent of the known weight of the test material.
      - (B) **Test Procedure.** A test must be conducted by weighing no less than 400 kg (882 lb) of test material, supplied by the scale manufacturer or approved by a NMFS-authorized scale inspector, on the scale under test. The test material may be run across the scale multiple times in order to total 400 kg; however, no single run of test material across the scale may weigh less than 40 kg (88.2 lb). The known weight of test material must be determined at the time of each scale test by weighing it on a platform scale approved for use under 50 CFR 679.28(b)(7).
    - (ii) **Platform scales required for observer sampling or to determine known weight of test material on mothership and catcher/processor vessels –**
      - (A) **Maximum permissible errors.** The maximum permissible errors for the daily at-sea scale test for platform scales is plus or minus 0.5 percent of the weight tested.

- (B) **Test Procedure.** A platform scale used for observer sampling must be tested at 10, 25, and 50 kg (or 20, 50, and 100 lb if the scale is denominated in pounds) using approved test weights. Any combination of test weights that will allow the scale to be tested at 10 kg, 25 kg, and 50 kg may be used. A platform scale used to weigh fish must be tested at a weight equal to the largest amount of fish that will be weighed on the scale in one weighing.
  - (C) **Approved test weights.** Each test weight must have its weight stamped on or otherwise permanently affixed to it. The weight of each test weight must be annually certified by a National Institute of Standards and Technology-approved metrology laboratory or approved for continued use by the NMFS authorized inspector at the time of the annual scale inspection.
- (iii) **Requirements for all at-sea scale tests.** The following conditions must be met:
- (A) Notify the observer at least 15 minutes before the time that the test will be conducted, and conduct the test while the observer is present.
  - (B) Conduct the scale test by placing the test material or test weights on or across the scale and recording the following information on the at-sea scale test report form:
    - (1) Vessel name;
    - (2) Month, day, and year of test;
    - (3) Time test started to the nearest minute in local time;
    - (4) Known weight of test materials or test weights;
    - (5) Weight of test material or test weights recorded by scale;
    - (6) Percent error as determined by subtracting the known weight of the test material or test weights from the weight recorded on the scale, dividing that amount by the known weight of the test material or test weights, and multiplying by 100; and
    - (7) Signature of operator.
  - (C) Maintain the scale test report form from all at-sea scale tests, including test report forms from failed scale tests on board the vessel until the end of the fishing year during which the tests were conducted, and make the report forms available to observers, NMFS staff, or authorized officers. In addition, the scale test report forms must be retained for 3 years after the end of the fishing year during which the tests were performed. Each scale test report form must be signed by the operator immediately following completion of each scale test.
- (5) **Scale maintenance.** The scale must be maintained in proper operating condition throughout its use; adjustments made to the scale must be made to bring the performance errors as close as practicable to a zero value; and no adjustment may be made that will cause the scale to weigh fish inaccurately.
- (6) **Printed reports from the scale** (not applicable to observer sampling scales). Printed reports are provided to NMFS as required by this paragraph. Printed reports from the scale must be maintained on board the vessel until the end of the year during which the reports were made, and made available to observers, NMFS staff or authorized officers. In addition, printed reports must be retained for 3 years after the end of the year during which the printouts were made.

- (i) **Printed reports of catch weight and cumulative weight.** Reports must be printed at least once every calendar day when use of the scale is required. Reports must also be printed before any information stored in the scale computer memory is replaced. Scale weights must not be adjusted by the scale operator to account for the perceived weight of water, slime, mud, debris, or other materials. Scale printouts must show:
  - (A) The vessel name and Federal vessel permit number;
  - (B) The date and time the information was printed;
  - (C) The haul number;
  - (D) The total weight of the haul; and
  - (E) The total cumulative weight of all fish and other material weighed on the scale since the last annual inspection.
- (ii) **Printed report from the audit trail.** The printed report must include the information specified in sections 2.3.1.8, 3.3.1.7, and 4.3.1.8 of appendix A to 50 CFR part 679. The printed report must be provided to the authorized scale inspector at each scale inspection and must also be printed at any time upon request of the observer, NMFS personnel or an authorized officer.
- (iii) **Printed report from calibration log.** The operator must print the calibration log on request by NMFS staff or an authorized officer, or person authorized by NMFS. The calibration log must be printed and retained before any information stored in the scale computer memory is replaced. The calibration log must detail either the prior 1,000 calibrations or all calibrations since the scale electronics were first put into service, whichever is less. The printout from the calibration log must show:
  - (A) The vessel name and Federal fisheries or processor permit number;
  - (B) The month, day, and year of the calibration;
  - (C) The time of the calibration to the nearest minute in local time;
  - (D) The weight used to calibrate the scale; and
  - (E) The magnitude of the calibration in comparison to the prior calibration.
- (iv) **Printed reports from the fault log.** The operator must print the fault log on request by NMFS staff, an authorized officer or person authorized by NMFS. The fault log must be printed and retained before any information stored in the scale computer memory is replaced. The fault log must detail either the prior 1,000 faults and startups, or all faults and startups since the scale electronics were first put into service, whichever is less. A fault, for the purposes of the fault log, is any condition other than underflow detected by the scale electronics that could affect the metrological accuracy of the scale. The printout from the fault log must show:
  - (A) The vessel name and Federal fisheries or processor permit number;
  - (B) The month, day, year, and time of each startup to the nearest minute in local time;
  - (C) The month, day, year, and time that each fault began to the nearest minute in local time; and
  - (D) The month, day, year, and time that each fault was resolved to the nearest minute in local time.

- (v) **Platform scales used for observer sampling.** A platform scale used for observer sampling is not required to produce a printed record.
- (7) **Video monitoring for scales used by the vessel crew to weigh catch.** Mothership or Catcher/Processor vessels required to weigh fish under the regulations in this section must provide and maintain a NMFS-approved video monitoring system as specified in paragraph (e) of this section.
- (c) **Scales used to weigh fish at IFQ first receivers—performance and technical requirements.** Scale requirements in this paragraph are in addition to those requirements set forth by the State in which the scale is located, and nothing in this paragraph may be construed to reduce or supersede the authority of the State to regulate, test, or approve scales within the State. Scales used to weigh fish that are also required to be approved by the State must meet the following requirements:
  - (1) **Verification of approval.** The scale must display a valid sticker indicating that the scale is currently approved in accordance with the laws of the state where the scale is located.
  - (2) **Visibility.** The IFQ first receiver must ensure that the scale and scale display are visible simultaneously to the catch monitor. Catch monitors, NMFS staff, NMFS-authorized personnel, or authorized officers must be allowed to observe the weighing of fish on the scale and be allowed to read the scale display at all times.
  - (3) **Printed scale weights.**
    - (i) An IFQ first receiver must ensure that printouts of the scale weight of each delivery or offload are made available to the catch monitor, NMFS staff, to NMFS-authorized personnel, or to authorized officers at the time printouts are generated. An IFQ first receiver must maintain printouts on site until the end of the fishing year during which the printouts were made and make them available upon request by the catch monitor, NMFS staff, NMFS-authorized personnel, or authorized officers for 3 years after the end of the fishing year during which the printout was made.
    - (ii) All scales identified in a catch monitoring plan (see § 660.140(f)(3)) must produce a printed record for each landing, or portion of a landing, weighed on that scale. NMFS may exempt, through approval of the NMFS-accepted catch monitoring plan, scales not designed for automatic bulk weighing from part or all of the printed record requirements. IFQ first receivers that receive no more than 200,000 pounds of groundfish in any calendar month may be exempt under § 660.140(j)(2). For scales that must produce a printed record, the printed record must include:
      - (A) The IFQ first receiver's name;
      - (B) The weight of each load in the weighing cycle;
      - (C) The total weight of fish in each landing, or portion of the landing that was weighed on that scale;
      - (D) For belt scales and weight belts, the total cumulative weight of all fish or other material weighed on the scale since the last inspection;
      - (E) The date the information is printed; and
      - (F) The name and vessel registration or documentation number of the vessel making the landing. The person operating the scale may write this information on the scale printout in ink at the time of printing.

(4) **Inseason scale testing.** IFQ first receivers must allow, and provide reasonable assistance to NMFS staff, NMFS-authorized personnel, and authorized officers to test scales used to weigh IFQ fish. A scale that does not pass an inseason test may not be used to weigh IFQ fish until the scale passes an inseason test or is approved for continued use by the weights and measures authorities of the State in which the scale is located.

(i) **Inseason testing criteria.** To pass an inseason test, NMFS staff or authorized officers must be able to verify that:

(A) The scale display and printed information are clear and easily read under all conditions of normal operation;

(B) Weight values are visible on the display until the value is printed;

(C) The scale does not exceed the maximum permissible errors specified in this paragraph:

(1) **Flow scales (also known as belt scales and weight belts).** The maximum permissible error is plus or minus 0.25 percent of the known weight of the test material with repeatability between tests of no more than 0.25 percent. Percent error is determined by subtracting the known weight of the test material or test weights from the weight recorded on the scale, dividing that amount by the known weight of the test material or test weights, and multiplying by 100.

(2) **All other scales.**

<i>Test load in scale divisions</i>	<i>Maximum error in scale divisions</i>
(i) 0-500	1
(ii) 501-2,000	2
(iii) 2,001-4,000	3
(iv) >4,000	5

(D) **Automatic weighing systems.** An automatic weighing system must be provided and operational that will prevent fish from passing over the scale or entering any weighing hopper unless the following criteria are met:

(1) No catch may enter or leave a weighing hopper until the weighing cycle is complete;

(2) No product may be cycled and weighed if the weight recording element is not operational; and

(3) No product may enter a weighing hopper until the prior weighing cycle has been completed and the scale indicator has returned to a zero.

(ii) [Reserved]

(d) **Electronic fish tickets.** First receivers are required to meet the hardware and software requirements below.

(1) **Hardware and software requirements.** A personal computer system, tablet, mobile device, or other device that has software (e.g., web browser) capable of submitting information over the internet, such that submission to Pacific States Marine Fisheries Commission can be executed effectively.

(2) **Internet access.** The first receiver is responsible for maintaining internet access sufficient to access the web-based interface and submit completed electronic fish ticket forms.

(3) **Maintenance.** The first receiver is responsible for ensuring that all hardware and software required under this subsection are fully operational and functional whenever they receive, purchase, or take custody, control, or possession of groundfish species for which an electronic fish ticket is required. "Functional" means that the software requirements and minimum hardware requirements described at paragraphs (d)(1) and (2) of this section are met and submission to Pacific States Marine Fisheries Commission can be executed effectively by the equipment.

(4) **Improving data quality.** Vessel owners and operators, first receivers, or shoreside processor owners, or managers may contact NMFS to request assistance in improving data quality and resolving issues. Requests may be submitted to: Attn: Electronic Fish Ticket Monitoring, National Marine Fisheries Service, West Coast Region, Sustainable Fisheries Division, 7600 Sand Point Way, NE., Seattle, WA 98115.

(e) **Video monitoring systems used monitor at-sea scales –**

(1) **Performance and technical requirements for video monitoring systems for the MS and C/P Co-op Programs.** A video monitoring system used to monitor at-sea scales must meet the system requirements and system inspections, set forth in 50 CFR 679.28(e)(1) through (4) and be issued a Video Monitoring Inspection Report verifying that the video system meets all applicable requirements for use in the Alaska Pollock fishery. Any change to the system must meet the requirements specified at 50 CFR 679.28(e)(7) and be approved by the Alaska Regional Administrator in writing before any changes are made.

(i) MS or C/P vessels required to weigh fish at sea under the regulations in this section must:

(A) Provide and maintain a video monitoring system that provides sufficient resolution and field of view to monitor: All areas where catch enters the scale, moves across the scale and leaves the scale; any access point to the scale from which the scale may be adjusted or modified by vessel crew while the vessel is at sea; and the scale display and the indicator for the scale operating in a fault state.

(B) Record and retain video for all periods when catch that must be weighed is on board the vessel.

(ii) [Reserved]

(2) **Video Monitoring System Inspection Report.** A current NMFS-issued Video Monitoring System Inspection Report must be maintained on board the vessel at all times the vessel is required to have an approved video monitoring system. The Video Monitoring System Inspection Report must be made available to the observer, NMFS staff, or to an authorized officer upon request.

(3) **Retention of records.** Consistent with the requirements set forth at 50 CFR 679.28(e)(1), the video data must be maintained on the vessel and made available on request by NMFS staff, or any individual authorized by NMFS. The data must be retained on board the vessel for no less than 120 days after the date the video is recorded, unless NMFS has notified the operator in writing that the video data may be retained for less than this 120-day period.

[75 FR 78375, Dec. 15, 2010, as amended at 76 FR 74733, Dec. 1, 2011; 77 FR 55155, Sept. 7, 2012; 81 FR 27008, May 5, 2016; 81 FR 84426, Nov. 23, 2016; 88 FR 81358, Nov. 22, 2023]

**§ 660.16 Groundfish observer program.**

- (a) **General.** Vessel owners, operators, and managers are jointly and severally responsible for their vessel's compliance with observer requirements specified in this section and within §§ 660.140, 660.150, 660.160, 660.216, or 660.316.
- (b) **Purpose.** The purpose of the Groundfish Observer Program is to collect fisheries data necessary and appropriate for, among other relevant purposes, management, compliance monitoring, and research in the groundfish fisheries and for the conservation of living marine resources.
- (c) **Observer coverage requirements.** The following table provides references to the paragraphs in the Pacific coast groundfish subparts that contain fishery specific requirements. Observer coverage required for the Shorebased IFQ Program, MS Co-op Program, or C/P Co-op Program shall not be used to comply with observer coverage requirements for any other Pacific coast groundfish fishery in which that vessel may also participate.

West coast groundfish fishery	Regulation section	Observer program branch office
(1) Shorebased IFQ Program—Trawl Fishery	§ 660.140(h)	West Coast Groundfish.
(2) MS Co-op Program—Whiting At-sea Trawl Fishery	§ 660.150(j)	
(i) Motherships		At-sea Hake.
(ii) Catcher Vessels		West Coast Groundfish.
(3) C/P Co-op Program—Whiting At-sea Trawl Fishery	§ 660.160(g)	At-sea Hake.
(4) Fixed Gear Fisheries	§ 660.216	
(i) Harvester vessels		West Coast Groundfish.
(ii) Processing vessels		West Coast Groundfish.
(5) Open Access Fisheries	§ 660.316	
(i) Harvester vessels		West Coast Groundfish.
(ii) Processing vessels		West Coast Groundfish.

- (d) **Observer certifications and responsibilities.** For the Shorebased IFQ Program see § 660.140(h), for the MS Co-op Program see § 660.150(j), and, for the C/P Co-op Program see § 660.160(g).
- (e) **Application process to become an observer provider.** See § 660.18.

[75 FR 78376, Dec. 15, 2010, as amended at 80 FR 22280, Apr. 21, 2015; 88 FR 81358, Nov. 22, 2023]

**§ 660.17 Catch monitor program.**

- (a) **General.** The first receiver site license holder, the first receiver site license authorized representative, facility operators and managers are jointly and severally responsible for the first receiver being in compliance with catch monitor requirements specified in this section and at § 660.140 (i).
- (b) **Purpose.** The purpose of the Catch Monitor Program is to, among other related matters, confirm that the IFQ landings are accurately sorted, weighed and reported on electronic fish tickets.



- (c) **Catch monitor coverage requirements.** Catch monitor coverage requirements for the Shorebased IFQ Program are specified at § 660.140(i).
- (d) **Catch monitor certification and responsibilities.** Catch monitor certification authorizes an individual to fulfill duties as specified by NMFS while under the employ of a catch monitor provider.
  - (1) **Catch monitor training certification.** A training certification signifies the successful completion of the training course required to obtain catch monitor certification. This certification expires when the catch monitor has not been deployed and performed sampling duties as required by the Catch Monitor Program Office for a period of time, specified by the Catch Monitor Program, after his or her most recent debriefing. The certification is renewed by successful completion of the training course.
  - (2) **Catch Monitor Program annual briefing.** Each catch monitor must attend a briefing prior to his or her first deployment within any calendar year subsequent to a year in which a training certification is obtained. To maintain a certification, a catch monitor must successfully complete any required briefing specified by the Catch Monitor Program. All briefing attendance, performance, and conduct standards required by the Catch Monitor Program must be met prior to any deployment.
  - (3) **Catch monitor certification requirements.** NMFS may certify individuals who:
    - (i) Are employed by a catch monitor provider at the time of the issuance of the certification and qualified, as described at paragraph (f)(1)(i) through (viii) of this section and have provided proof of qualifications to NMFS, through the catch monitor provider.
    - (ii) Have successfully completed catch monitor certification training.
      - (A) Successful completion of training by an applicant consists of meeting all attendance and conduct standards; meeting all performance standards for assignments, tests, and other evaluation tools; and completing all other training requirements established by the Catch Monitor Program.
      - (B) If a candidate fails training, he or she will be notified in writing on or before the last day of training. The notification will indicate: The reasons the candidate failed the training; whether the candidate can retake the training, and under what conditions.
    - (iii) Have not been decertified as an observer or catch monitor under provisions in §§ 660.17(g), and 660.140(h)(6), 660.150(j)(5), 660.160(g)(5) or 679.53(c) of this chapter.
  - (4) **Maintaining the validity of a catch monitor certification.** After initial issuance, a catch monitor must keep their certification valid by meeting all of the following requirements specified below:
    - (i) Successfully perform their assigned duties as described in the Catch Monitor Manual or other written instructions from the Catch Monitor Program.
    - (ii) Accurately record their data, write complete reports, and report accurately any observations of suspected violations of regulations relevant to conservation of marine resources or their environment.
    - (iii) Consistent with NOAA data confidentiality guidance, not disclose data and observations made on board a vessel to any person except the owner or operator of the observed vessel, an authorized state or OLE officer, NMFS or the Catch Monitor Program; and, not disclose data and observations made at a first receiver to any person other than the first receiver site license holder, the first receiver site license authorized representative, facility operators and managers an authorized state or OLE officer, NMFS or the Catch Monitor Program.

- (iv) Successfully complete any required briefings as prescribed by the Catch Monitor Program.
- (v) Successful completion of a briefing by a catch monitor consists of meeting all attendance and conduct standards issued in writing at the start of training; meeting all performance standards issued in writing at the start of training for assignments, tests, and other evaluation tools; and completing all other briefing requirements established by the Catch Monitor Program.
- (vi) Successfully meet all debriefing expectations including catch monitor performance standards and reporting for assigned debriefings.
- (vii) Submit all data and information required by the Catch Monitor Program within the program's stated guidelines.
- (viii) Have been deployed as a catch monitor within the 12 months prior to any required briefing, unless otherwise authorized by the Catch Monitor Program.

(e) ***Catch monitor standards of behavior.*** Catch monitors must do the following:

- (1) Perform authorized duties as described in training and instructional manuals or other written and oral instructions provided by the Catch Monitor Program.
- (2) Accurately record and submit the required data, which includes fish species composition, identification, sorting, and weighing information.
- (3) Write complete reports, and report accurately any observations of suspected violations of regulations.
- (4) Returns phone calls, emails, text messages, or other forms of communication within the time specified by the Catch Monitor Program.
- (5) Not disclose data and observations made on board a vessel to any person except the owner or operator of the observed vessel, an authorized officer, NMFS or the Catch Monitor Program; and not disclose data and observations made at a first receiver to any person other than the first receiver site license holder, the first receiver site license authorized representative, facility operators and managers an authorized officer, NMFS or the Catch Monitor Program.

(f) ***Catch monitor provider responsibilities*** –

- (1) ***Provide qualified candidates to serve as catch monitors.*** To be qualified a candidate must:
  - (i) Be a U.S. citizen or have authorization to work in the United States;
  - (ii) Be at least 18 years of age;
  - (iii) Have a high school diploma and;
    - (A) At least two years of study from an accredited college with a major study in natural resource management, natural sciences, earth sciences, natural resource anthropology, law enforcement/police science, criminal justice, public administration, behavioral sciences, environmental sociology, or other closely related subjects pertinent to the management and protection of natural resources, or;
    - (B) One year of specialized experience performing duties which involved communicating effectively and obtaining cooperation, identifying and reporting problems or apparent violations of regulations concerning the use of protected or public land areas, and carrying out policies and procedures within a recreational area or natural resource site.

- (iv) Computer skills that enable the candidate to work competently with standard database software and computer hardware.
  - (v) Have a current and valid driver's license.
  - (vi) Have had a background investigation and been found to have had no criminal or civil convictions that would affect their performance or credibility as a catch monitor.
  - (vii) Have had health and physical fitness exams and been found to be fit for the job duties and work conditions;
    - (A) Physical fitness exams shall be conducted by a medical doctor who has been provided with a description of the job duties and work conditions and who provides a written conclusion regarding the candidate's fitness relative to the required duties and work conditions. A signed and dated statement from a licensed physician that he or she has physically examined a catch monitor or catch monitor candidate. The statement must confirm that, based on that physical examination, the catch monitor or catch monitor candidate does not have any health problems or conditions that would jeopardize that individual's safety or the safety of others while deployed, or prevent the catch monitor or catch monitor candidate from performing his or her duties satisfactorily. The physician's statement must be submitted to the Catch Monitor Program office prior to certification of a catch monitor. The physical exam must have occurred during the 12 months prior to the catch monitor's or catch monitor candidate's deployment. The physician's statement expires 12 months after the physical exam occurred and a new physical exam must be performed, and accompanying statement submitted, prior to any deployment occurring after the expiration of the statement.
    - (B) The observer provider must submit copies of "certificates of insurance," that names the Catch Monitor Program Coordinator as the "certificate holder" to the Catch Monitor Program Office by February 1 of each year. The certificates of insurance shall verify all coverage provisions specified at § 600.748(b) and (c) of this chapter and state that the insurance company will notify the certificate holder if insurance coverage is changed or canceled.
  - (viii) Have signed a statement indicating that they are free from conflict of interest as described under § 660.18(c).
- (2) **Catch monitor conduct and behavior.** A catch monitor provider must develop and maintain a policy addressing conduct and behavior for their employees that serve as catch monitors.
- (i) The policy shall address the following behavior and conduct regarding:
    - (A) Catch monitor use of alcohol;
    - (B) Catch monitor, possession, or distribution of illegal drugs; and
    - (C) Sexual contact with personnel off the vessels or processing facility to which the catch monitor is assigned, or with any vessel or processing plant personnel who may be substantially affected by the performance or non-performance of the catch monitor's official duties.
  - (ii) A catch monitor provider shall provide a copy of its conduct and behavior policy to each observer candidate and to the Catch Monitor Program by February 1 of each year.

- (3) **Contract.** Provide to the candidate a copy of a written contract signed by the catch monitor and catch monitor provider that shows among other factors the following provisions for employment:
  - (i) Compliance with the standards of conduct, responsibilities, conflict of interest standards and drug and alcohol policy;
  - (ii) Willingness to complete all responsibilities of current deployment prior to performing jobs or duties which are not part of the catch monitor responsibilities.
  - (iii) Commitment to return all sampling or safety equipment issued for the deployment.
- (4) **Catch monitors provided to a first receiver.**
  - (i) Must have a valid catch monitor certification;
  - (ii) Must not have informed the catch monitor provider prior to the time of assignment that he or she is experiencing a mental illness or a physical ailment or injury developed since submission of the physician's statement, as required in paragraph (f)(1)(vii)(A) of this section that would prevent him or her from performing his or her assigned duties; and
  - (iii) Must have successfully completed all Catch Monitor Program required training and briefing before assignment.
- (5) **Respond to industry requests for catch monitors.** A catch monitor provider must provide a catch monitor for assignment pursuant to the terms of the contractual relationship with the first receiver to fulfill first receiver requirements for catch monitor coverage under § 660.140(i)(1). An alternate catch monitor must be supplied in each case where injury or illness prevents the catch monitor from performing his or her duties or where the catch monitor resigns prior to completion of his or her duties. If the catch monitor provider is unable to respond to an industry request for catch monitor coverage from a first receiver for whom the catch monitor provider is in a contractual relationship due to the lack of available catch monitors, the catch monitor provider must report it to NMFS at least four hours prior to the expected assignment time, unless the first receiver provides less than four hour notice to the provider, in which case the provider is to notify the Catch Monitor Program as soon as practical after the situation arises.
- (6) **Ensure that catch monitors complete duties in a timely manner.** Catch monitor providers must ensure that catch monitors employed by that catch monitor provider do the following in a complete and timely manner:
  - (i) Submit to NMFS all data, logbooks and reports as required under the Catch Monitor Program deadlines.
  - (ii) Report for his or her scheduled debriefing and complete all debriefing responsibilities.
- (7) **Provide catch monitor salaries and benefits.** A catch monitor provider must provide to its catch monitor employees salaries and any other benefits and personnel services in accordance with the terms of each catch monitor's contract.
- (8) **Provide catch monitor assignment logistics.**
  - (i) A catch monitor provider must ensure each of its catch monitors under contract:

- (A) Has an individually assigned mobile or cell phones, in working order, for all necessary communication. A catch monitor provider may alternatively compensate catch monitors for the use of the catch monitor's personal cell phone or pager for communications made in support of, or necessary for, the catch monitor's duties.
  - (B) Has Internet access for Catch Monitor Program communications and data submission;
  - (C) Remains available to OLE and the Catch Monitor Program until the completion of the catch monitors' debriefing.
  - (D) Receives all necessary transportation, including arrangements and logistics, of catch monitors to the location of assignment, to all subsequent assignments during that assignment, and to the debriefing location when an assignment ends for any reason; and
  - (E) Receives lodging, per diem, and any other services necessary to catch monitors assigned to first receivers, as specified in the contract between the catch monitor and catch monitor provider.
  - (F) While under contract with a catch monitor provider, each catch monitor shall be provided with accommodations in accordance with the contract between the catch monitor and the catch monitor provider. If the catch monitor provider is responsible for providing accommodations under the contract with the catch monitor, the accommodations must be at a licensed hotel, motel, bed and breakfast, or other accommodations that have an assigned bed for each catch monitor that no other person may be assigned to for the duration of that catch monitor's stay.
- (ii) [Reserved]
- (9) **Catch monitor assignment limitations and workload.**
- (i) Not assign a catch monitor to the same first receiver for more than 90 calendar days in a 12-month period, unless otherwise authorized by NMFS.
  - (ii) Not exceed catch monitor assignment limitations and workload as outlined in § 660.140(i)(3)(ii).
- (10) **Maintain communications with catch monitors.** A catch monitor provider must have an employee responsible for catch monitor activities on call 24 hours a day to handle emergencies involving catch monitors or problems concerning catch monitor logistics, whenever catch monitors are assigned, or in transit, or awaiting first receiver reassignment.
- (11) **Maintain communications with the Catch Monitor Program office.** A catch monitor provider must provide all of the following information by electronic transmission (email), fax, or other method specified by NMFS.
- (i) **Catch monitor training, briefing, and debriefing registration materials.** This information must be submitted to the Catch Monitor Program at least 10 business days prior to the beginning of a scheduled catch monitor certification training or briefing session. Submissions received less than 10 business days prior to the beginning of a scheduled catch monitor certification training or briefing session will be approved by the Catch Monitor Program on a case-by-case basis.
    - (A) Training registration materials consist of the following:
      - (1) Date of requested training;

- (2) A list of catch monitor candidates that includes each candidate's full name (*i.e.*, first, middle and last names), date of birth, and gender;
    - (3) A copy of each candidate's academic transcripts and resume;
    - (4) A statement signed by the candidate under penalty of perjury which discloses the candidate's criminal convictions;
  - (B) Briefing registration materials consist of the following:
    - (1) Date and type of requested briefing session;
    - (2) List of catch monitors to attend the briefing session, that includes each catch monitor's full name (first, middle, and last names);
  - (C) The Catch Monitor Program will notify the catch monitor provider which catch monitors require debriefing and the specific time period the catch monitor provider has to schedule a date, time, and location for debriefing. The catch monitor provider must contact the Catch Monitor Program within 5 business days by telephone to schedule debriefings.
    - (1) Catch monitor providers must immediately notify the Catch Monitor Program when catch monitors end their contract earlier than anticipated.
    - (2) [Reserved]
- (ii) **Catch monitor provider contracts.** If requested, catch monitor providers must submit to the Catch Monitor Program a completed and unaltered copy of each type of signed and valid contract (including all attachments, appendices, addendums, and exhibits incorporated into the contract) between the catch monitor provider and those entities requiring catch monitor services under § 660.140(i)(1). Catch monitor providers must also submit to the Catch Monitor Program upon request, a completed and unaltered copy of the current or most recent signed and valid contract (including all attachments, appendices, addendums, and exhibits incorporated into the contract and any agreements or policies with regard to catch monitor compensation or salary levels) between the catch monitor provider and the particular entity identified by the Catch Monitor Program or with specific catch monitors. The copies must be submitted to the Catch Monitor Program via email, fax, or mail within 5 business days of the request. Signed and valid contracts include the contracts a catch monitor provider has with:
  - (A) First receivers required to have catch monitor coverage as specified at paragraph § 660.140(i)(1); and
  - (B) Catch monitors.
- (iii) **Change in catch monitor provider management and contact information.** A catch monitor provider must submit to the Catch Monitor Program any change of management or contact information as required at § 660.18(h).
- (iv) **Catch monitor status report.** Each Tuesday, catch monitor providers must provide the Catch Monitor Program with an updated list of deployments per Catch Monitor Program protocol. Deployment information includes provider name, catch monitor last name, catch monitor first name, trip start date, trip end date, status of catch monitor, vessel name and vessel identification number, date monitored offload, and first receiver assignment.

(v) **Informational materials.** Catch monitor providers must submit to NMFS, if requested, copies of any information developed and used by the catch monitor providers and distributed to first receivers, including, but not limited to, informational pamphlets, payment notification, and description of catch monitor duties.

(vi) **Other reports.** Reports of the following must be submitted in writing to the Catch Monitor Program by the catch monitor provider via fax or email address designated by the Catch Monitor Program within 24 hours after the catch monitor provider becomes aware of the information:

(A) Any information regarding possible catch monitor harassment;

(B) Any information regarding any action prohibited under § 660.12(f);

(C) Any catch monitor illness or injury that prevents the catch monitor from completing any of his or her duties described in the catch monitor manual; and

(D) Any information, allegations or reports regarding catch monitor conflict of interest or breach of the standards of behavior described in catch monitor provider policy.

(12) **Replace lost or damaged gear.** Lost or damaged gear issued to a catch monitor by NMFS must be replaced by the catch monitor provider. All replacements must be provided to NMFS and be in accordance with requirements and procedures identified in writing by the Catch Monitor Program.

(13) **Confidentiality of information.** A catch monitor provider must ensure that all records on individual catch monitor performance received from NMFS under the routine use provision of the Privacy Act 5 U.S.C. 552a or as otherwise required by law remain confidential and are not further released to any person outside the employ of the catch monitor provider company to whom the catch monitor was contracted except with written permission of the catch monitor.

(g) Certification and decertification procedures for catch monitors.

(1) **Catch monitor certification official.** The Regional Administrator (or a designee) will designate a NMFS catch monitor certification official who will make decisions on whether to issue or deny catch monitor certification.

(2) **Agency determinations on catch monitor certifications –**

(i) **Issuance of certifications.** Certification may be issued upon determination by the catch monitor certification official that the candidate has successfully met all requirements for certification as specified in § 660.17(d).

(ii) **Denial of a certification.** The catch monitor certification official will issue a written determination identifying the reasons for denial of a certification.

(3) **Limitations on conflict of interest for catch monitors.**

(i) Catch monitors must not have a direct financial interest, other than the provision of observer or catch monitor services, in a North Pacific fishery managed pursuant to an FMP for the waters off the coast of Alaska, Alaska state waters, or in a Pacific Coast fishery managed by either the state or Federal Governments in waters off Washington, Oregon, or California, including but not limited to:

- (A) Any ownership, mortgage holder, or other secured interest in a vessel, first receiver, shorebased or floating stationary processor facility involved in the catching, taking, harvesting or processing of fish;
  - (B) Any business involved with selling supplies or services to any vessel, first receiver, shorebased or floating stationary processing facility; or
  - (C) Any business involved with purchasing raw or processed products from any vessel, first receiver, shorebased or floating stationary processing facilities.
- (ii) Must not solicit or accept, directly or indirectly, any gratuity, gift, favor, entertainment, loan, or anything of monetary value from any person who either conducts activities that are regulated by NMFS or has interests that may be substantially affected by the performance or nonperformance of the catch monitor's official duties.
  - (iii) May not serve as a catch monitor at any shoreside or floating stationary processing facility owned or operated where a person was previously employed in the last two years.
  - (iv) May not solicit or accept employment as a crew member or an employee of a vessel, or shoreside processor while employed by a catch monitor provider.
  - (v) Provisions for remuneration of catch monitors under this section do not constitute a conflict of interest.
- (4) **Catch monitor decertification** –
- (i) **Catch monitor decertification review official.** The Regional Administrator (or a designee) will designate a catch monitor decertification review official(s), who will have the authority to review certifications and issue IADs of decertification.
  - (ii) **Causes for decertification.** The catch monitor decertification official may initiate decertification proceedings when it is alleged that any of the following acts or omissions have been committed:
    - (A) Failed to satisfactorily perform the specified duties and responsibilities;
    - (B) Failed to abide by the specified standards of conduct;
    - (C) Upon conviction of a crime or upon entry of a civil judgment for:
      - (1) Commission of fraud or other violation in connection with obtaining or attempting to obtain certification, or in performing the duties and responsibilities specified in this section;
      - (2) Commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
      - (3) Commission of any other offense indicating a lack of integrity or honesty that seriously and directly affects the fitness of catch monitors.
  - (iii) **Issuance of IAD.** Upon determination that decertification is warranted, the catch monitor decertification official will issue a written IAD. The IAD will identify the specific reasons for the action taken. Decertification is effective 30 calendar days after the date on the IAD, unless there is an appeal.



- (iv) **Appeals.** A certified catch monitor who receives an IAD that suspends or revokes his or her catch monitor certification may appeal the determination within 30 calendar days after the date on the IAD to the Office of Administrative Appeals pursuant to § 660.19.

[75 FR 78377, Dec. 15, 2010, as amended at 76 FR 53835, Aug. 30, 2011; 76 FR 74734, Dec. 1, 2011; 80 FR 22280, Apr. 21, 2015; 87 FR 54909, Sept. 8, 2022]

## § 660.18 Observer and catch monitor provider permits and endorsements.

- (a) **Provider permits.** Persons seeking to provide observer or catch monitor services must obtain a provider permit from NMFS before providing certified catch monitors or certified observers for the Shorebased IFQ Program, the MS Co-op Program, the C/P Co-op Program, or for processing vessels in the fixed gear or open access fisheries. There are two types of endorsements for provider permits, an observer endorsement and a catch monitor endorsement. Provider permits must have at least one endorsement and it must be appropriate for the services being provided. Provider permits are obtained through an application process and must be renewed annually to remain valid in the following year. A provider permit and associated endorsements expire if not renewed or if services have not been provided for 12 consecutive months.
- (b) **Application process to become an observer or catch monitor provider –**
  - (1) **New provider applications.** An applicant seeking a provider permit may submit an application at any time during the calendar year. Any provider permit issued during a given year will expire on December 31. Application forms must be submitted by mail to the West Coast Region Fisheries Permits Office, 7600 Sand Point Way NE., Bldg 1, Seattle, WA 98115. Only complete applications will be considered for approval by the review board.
  - (2) **Contents of provider application.** A complete application for a provider permit shall contain the following:
    - (i) An indication of which endorsement the applicant is seeking: observer provider, catch monitor provider, or both endorsements. A single application may be used to apply for both endorsements.
    - (ii) Applicant contact information.
      - (A) Legal name of applicant organization. If the applicant organization is United States business entity, include the state registration number.
      - (B) The primary business mailing address, phone and fax numbers where the owner(s) can be contacted for official correspondence.
    - (iii) Description of the management, organizational structure, and ownership structure of the applicant's business, including identification by name and general function of all controlling management interests in the company, including but not limited to owners, board members, officers, authorized agents, and employees. List all office locations and their business mailing address, business phone, fax number, and email addresses. If the applicant is a corporation, the articles of incorporation must be provided. If the applicant is a partnership, the partnership agreement must be provided.
    - (iv) A narrative statement describing relevant direct or indirect prior experience or qualifications the applicant may have that would enable them to be a successful provider.

- (A) For applicants seeking an observer provider endorsement, the applicant should describe experience in placing individuals in remote field and/or marine work environments. This includes, but is not limited to, recruiting, hiring, deployment, and personnel administration.
  - (B) For applicants seeking a catch monitor provider endorsement, a narrative statement should identify prior relevant experience in recruiting, hiring, deploying, and providing support for individuals in marine work environments in the groundfish fishery or other fisheries of similar scale.
  - (v) A narrative description of the applicant's ability to carry out the required responsibilities and duties as described at §§ 660.140(h), 660.150(j), and 660.160(g) for observer providers and/or § 660.17(f) for catch monitor providers.
  - (vi) A statement signed under penalty of perjury by an authorized agent of the applicant about each owner, or owners, board members, and officers if a corporation, authorized agents, and employees, regarding:
    - (A) Conflict of interest as described in § 660.18 (c)(3),
    - (B) Criminal convictions,
    - (C) Federal contracts they have had and the performance rating they received on the contract, and
    - (D) Previous decertification action while working as an observer, catch monitor, observer provider, or catch monitor provider.
  - (vii) NMFS may request additional information or clarification from the applicants.
- (c) **Application evaluation.** Complete applications will be forwarded to Observer Program and/or the Catch Monitor Program for review and evaluation.
- (1) A provider permit application review board will be established and be comprised of at least three members. The review board will evaluate applications submitted under paragraph (a) of this section. If the applicant is an entity, the review board also will evaluate the application criteria for each owner, board member, officer, authorized agent, and employee.
  - (2) The provider permit application will, at a minimum, be evaluated on the following criteria:
    - (i) The applicant's ability to carry out the responsibilities and relevant experience and qualifications.
    - (ii) Review of any conflict of interest as described in § 660.18(c)(3).
    - (iii) Review of any criminal convictions.
    - (iv) Satisfactory performance ratings on any Federal contracts held by the applicant.
    - (v) Review of any history of decertification as an observer, catch monitor, observer provider, or catch monitor provider.
  - (3) **Limitations on conflict of interest for providers.**
    - (i) Providers must not have a direct financial interest, other than the provision of observer, catch monitor or other biological sampling services, in any federal or state managed fisheries, including but not limited to:

- (A) Any ownership, mortgage holder, or other secured interest in a vessel, first receiver, shorebased or floating stationary processor facility involved in the catching, taking, harvesting or processing of fish;
  - (B) Any business involved with selling supplies or services to any vessel, first receiver, shorebased or floating stationary processing facility; or
  - (C) Any business involved with purchasing raw or processed products from any vessel, first receiver, shorebased or floating stationary processing facilities.
- (ii) Providers must not solicit or accept, directly or indirectly, any gratuity, gift, favor, entertainment, loan, or anything of monetary value from any person who conducts fishing or fish processing activities that are regulated by NMFS, or who has interests that may be substantially affected by the performance or nonperformance of the official duties of the provider.
- (4) **Existing providers.** Businesses that provided observers and/or catch monitors in the 12 months prior to May 21, 2015 will be issued a provider permit without submission of an application. This permit will be effective through December 31, 2015.
- (i) Providers who deployed catch monitors in the Shorebased IFQ Program in the 12 months prior to May 21, 2015 will be issued a provider permit with a catch monitor provider endorsement effective through December 31, 2015, except that a change in ownership of an existing catch monitor provider after January 1, 2015, requires a new permit application under this section.
  - (ii) Providers who deployed certified observers in the Pacific Coast groundfish fishery in the 12 months prior to May 21, 2015 will be issued a provider permit with an observer provider endorsement effective through December 31, 2015, except that a change in ownership of an existing observer provider after January 1, 2015, requires a new permit application under this section.
  - (iii) To receive a provider permit for 2016 and beyond, the existing providers must follow the provider permit renewal process set forth in this section.
- (d) **Agency determination on an application.**
- (1) **Initial administrative determination.** For all complete applications, NMFS will issue an IAD if it disapproves the application. An approved application will result in issuance of the permit. If disapproved, the IAD will provide the reasons for this determination. If the applicant does not appeal the IAD within 30 calendar days, the IAD becomes the final decision of the Regional Administrator acting on behalf of the Secretary of Commerce.
  - (2) **Appeal.** The applicant may appeal the IAD consistent with the observer, catch monitor, and provider appeals process defined at § 660.19.
- (e) **Effective dates.** The provider permit will be valid from the effective date identified on the permit until the permit expiration date of December 31. Provider permit holders must reapply annually by following the application process specified in paragraph (b) of this section.
- (f) **Expiration of the provider permit –**
- (1) **Expiration due to inactivity.** After a period of 12 continuous months during which no observers or catch monitors are deployed by the provider in the Pacific coast groundfish fishery, NMFS will issue an IAD describing the intent to expire the provider permit or to remove the appropriate

endorsement(s) and the timeline to do so. A provider that receives an IAD may appeal under § 660.19. The provider permit and endorsements will remain valid until a final agency decision is made or until December 31, whichever is earlier.

- (2) **Expiration due to failure to renew.** Failure to renew annually will result in expiration of the provider permit and endorsements on December 31.
  - (3) **Obtaining a new permit or endorsement following an expiration or voided permit.** A person holding an expired or void permit or endorsement may reapply for a new provider permit or endorsement at any time consistent with § 660.18(b).
- (g) **Provider permit renewal process.** To maintain a valid provider permit, provider permit holders must reapply annually prior to the permit expiration date.
- (1) NMFS will mail a provider permit application form to existing permit holders on or about September 15 each year.
  - (2) Providers who want to have their permits effective for January 1 of the following calendar year must submit their complete application form to NMFS by October 31. If a provider fails to renew the provider permit, the provider permit and endorsements will expire on December 31.
- (h) **Change of provider permit ownership and transfer restrictions.** Neither a provider permit nor the endorsements are transferable. Ownership of a provider permit cannot be registered to another individual or entity. The provider permit owner cannot change, substitute, or add individuals or entities as owners of the permit (*i.e.*, cannot change the legal name of the permit owner(s) as given on the permit). Any change in ownership of the provider permit requires the new owner(s) to apply for a provider permit, and is subject to approval by NMFS.
- (i) **Provider permit sanctions.** Procedures governing sanctions of permits are found at subpart D of 15 CFR part 904.
- (j) **Permit fees.** The Regional Administrator may charge fees to cover administrative expenses related to issuance of permits including initial issuance, renewal replacement, and appeals.

[80 FR 22283, Apr. 21, 2015, as amended at 88 FR 81358, Nov. 22, 2023]

### § 660.19 Appeals process for catch monitors, observers, and provider permits.

- (a) **Allowed appeals.** This section describes the procedure for appealing IADs described at §§ 660.17(g), 660.18(d) and (f), 660.140(h), 660.150(j), 660.160(g), 660.603(b)(3) for catch monitor decertification, observer decertification, provider permit expirations due to inactivity, and EM service provider permit denials. Any person whose interest is directly and adversely affected by an IAD may file a written appeal. For purposes of this section, such person will be referred to as the “applicant.”
- (b) **Appeals process.** In cases where the applicant disagrees with the IAD, the applicant may appeal that decision. Final decisions on appeals of IADs will be made in writing by the Regional Administrator or designee acting on behalf of the Secretary of Commerce and will state the reasons therefore.
- (1) **Submission of appeals.**
    - (i) The appeal must be in writing and comply with this paragraph.

- (ii) Appeals must be mailed or faxed to: National Marine Fisheries Service, West Coast Region, Sustainable Fisheries Division, ATTN: Appeals, 7600 Sand Point Way NE., Seattle, WA 98115; Fax: 206-526-6426; or delivered to National Marine Fisheries Service at the same address.
- (2) **Timing of appeals.** The appeal must be filed within 30 calendar days after the IAD is issued. The IAD becomes the final decision of the Regional Administrator or designee acting on behalf of the Secretary of Commerce if no appeal is filed within 30 calendar days. The time period to submit an appeal begins with the date on the IAD. If the last day of the time period is a Saturday, Sunday, or Federal holiday, the time period will extend to the close of business on the next business day.
- (3) **Address of record.** The address used by the applicant in initial correspondence to NMFS concerning the application will be the address used by NMFS for the appeal. Notifications and correspondence associated with all actions affecting the applicant will be mailed to the address of record unless the applicant provides NMFS, in writing, an address change. NMFS bears no responsibility if NMFS sends a notification or correspondence to the address of record and it is not received because the applicant's actual address has changed without notification to NMFS.
- (4) **Statement of reasons for appeals.** Applicants must submit a full written statement in support of the appeal, including a concise statement of the reasons the IAD determination has a direct and adverse effect on the applicant and should be reversed or modified. The appellate officer will limit his/her review to the issues stated in the appeal; all issues not set out in the appeal will be waived.
- (5) **Decisions on appeals.** The Regional Administrator or designee will issue a final written decision on the appeal which is the final decision of the Secretary of Commerce.

[80 FR 22285, Apr. 21, 2015, as amended at 84 FR 31159, June 28, 2019]

## § 660.20 Vessel and gear identification.

### (a) *Vessel identification* –

- (1) **Display.** The operator of a vessel that is over 25 ft (7.6 m) in length and is engaged in commercial fishing for groundfish must display the vessel's official number on the port and starboard sides of the deckhouse or hull, and on a weather deck so as to be visible from above. The number must contrast with the background and be in block Arabic numerals at least 18 inches (45.7 cm) high for vessels over 65 ft (19.8 m) long and at least 10 inches (25.4 cm) high for vessels between 25 and 65 ft (7.6 and 19.8 m) in length. The length of a vessel for purposes of this section is the length set forth in USCG records or in state records, if no USCG record exists.
- (2) **Maintenance of numbers.** The operator of a vessel engaged in commercial fishing for groundfish must keep the identifying markings required by paragraph (a)(1) of this section clearly legible and in good repair, and must ensure that no part of the vessel, its rigging, or its fishing gear obstructs the view of the official number from an enforcement vessel or aircraft.
- (3) **Commercial passenger vessels.** This section does not apply to vessels carrying fishing parties on a per-capita basis or by charter.

- (b) **Gear identification.** Gear identification requirements specific to fisheries using fixed gear (limited entry and open access) are described at § 660.219, subpart E and § 660.319, subpart F.

## § 660.21 Seabird Avoidance Program.

This section contains the requirements of the Seabird Avoidance Program.

- (a) **Purpose.** The purpose of the Seabird Avoidance Program is to minimize interactions between fishing gear and seabird species, including short-tailed albatross (*Phoebastria albatrus*).
- (b) **Applicability.** The requirements specified in paragraph (c) of this section apply to the following fishing vessels when operating within the EEZ north of 36° N latitude:
  - (1) Vessels greater than or equal to 26 ft (7.9 m) LOA engaged in commercial fishing for groundfish with bottom longline gear, including snap gear, as defined under “Fishing gear” in § 660.11, including those operating under the gear switching provisions of the Limited Entry Trawl Fishery, Shorebased IFQ Program as specified in § 660.140(k), or those operating under the limited entry fixed gear fishery in subpart E or under the open access fishery in subpart F of this part, except as provided in paragraphs (b)(2) of this section.
  - (2) **Exemptions.** The requirements specified in paragraph (c) of this section do not apply to Pacific Coast treaty Indian fisheries, as described at § 660.50, or to anglers engaged in recreational fishing for groundfish, as described in Subpart G of this Part.
- (c) **Seabird Avoidance Requirements –**
  - (1) **General requirements.** The operator of a vessel described in paragraph (b)(1) of this section must comply with the following requirements, unless operating under the provisions of paragraph (c)(3) of this section:
    - (i) **Gear onboard.** Have onboard the vessel seabird avoidance gear meeting the material standards specified in paragraph (c)(1)(iv) of this section and in accordance to the vessel size and gear type specific requirements as specified in paragraph (c)(2) of this section.
    - (ii) **Gear inspection.** Upon request by an authorized officer or observer, make the seabird avoidance gear available for inspection.
    - (iii) **Gear use.** Use seabird avoidance gear as specified in paragraph (c)(2) of this section that meets the material standards specified in paragraph (c)(1)(iv) of this section while bottom longline and snap gears are being deployed.
    - (iv) **Material standards for all streamer lines.** All streamer lines must:
      - (A) Have streamers spaced every 16.4 ft (5 m).
      - (B) Have individual streamers that hang attached to the mainline to 9.8 in (0.25 m) above the waterline in the absence of wind.
      - (C) Have streamers constructed of material that is brightly colored, UV-protected plastic tubing or <sup>3</sup>/<sub>8</sub> inch (9.5 mm) polyester line or material of an equivalent density.
    - (v) **Handling of hooked short-tailed albatross.** If a short-tailed albatross is hooked or entangled by a vessel, owners and operators must ensure that the following actions are taken:
      - (A) Stop the vessel to reduce the tension on the line and bring the bird on board the vessel using a dip net;
      - (B) Determine if the bird is alive or dead.
      - (C) If alive, follow these instructions:
        - (1) Cover the bird with a towel to protect its feathers from oils or damage while being handled;

- (2) Remove any entangled lines or hooks from the bird without further injuring the bird;
  - (3) Place the bird in a safe enclosed place;
  - (4) If the hook has been ingested or is inaccessible, keep the bird in a safe, enclosed place and submit it to NMFS or the U.S. Fish and Wildlife Service immediately upon the vessel's return to port. Do not give the bird food or water.
  - (5) Assess whether the bird meets the following criteria for release:
    - (i) Able to hold its head erect and respond to noise and motion stimuli;
    - (ii) Able to breathe without noise;
    - (iii) Capable of flapping and retracting both wings to normal folded position on its back;
    - (iv) Able to stand on both feet with toes pointed forward; and
    - (v) Feathers are dry.
  - (6) If bird does not meet criteria for release:
    - (i) Immediately contact NMFS or the U.S. Fish and Wildlife Service at the numbers listed on the West Coast Seabird Avoidance Measures flyer and request veterinary guidance;
    - (ii) Follow the veterinary guidance regarding the handling and release of the bird.
  - (D) If dead, freeze the bird immediately with an identification tag attached directly to the specimen listing the species, location and date of mortality, and band number if the bird has a leg band. Attach a duplicate identification tag to the bag or container holding the bird. Any leg bands present must remain on the bird. Contact NMFS or the U.S. Fish and Wildlife Service at the numbers listed on the West Coast Seabird Avoidance Measures flyer, inform them that you have a dead short-tailed albatross on board, and submit the bird to NMFS or the U.S. Fish and Wildlife Service within 72 hours following completion of the fishing trip.
  - (E) All incidents involving the hooking of short-tailed albatross must be reported to U.S. Fish and Wildlife Service Law Enforcement by the vessel operator within 72 hours of taking an albatross by phoning 360-753-7764 (WA); 503-682-6131 (OR); or 916-414-6660 (CA).
  - (F) If a NMFS observer is on board at the time of a hooking event, the observer shall be responsible for the disposition of any captured short-tailed albatross and for reporting to U.S. Fish and Wildlife Service Law Enforcement. Otherwise, the vessel operator shall be responsible.
- (2) ***Gear requirements and performance standards.*** The operator of a vessel identified in paragraph (b)(1) of this section must comply with the following gear requirements:
- (i) For vessels with masts, poles, or rigging using snap gear as defined at § 660.11, the following requirements apply:
    - (A) Vessels must deploy a minimum of a single streamer line in accordance with the requirements of paragraphs (c)(1)(iv) of this section, except as provided in paragraph (c)(2)(iv) of this section.

- (B) Streamer lines must be a minimum length of 147.6 ft (45 m).
  - (C) Streamer lines must be deployed so that streamers are in the air a minimum of 65.6 ft (20 m) aft of the stern and within 6 ft 7 in (2 m) horizontally of the point where the main groundline enters the water before the first hook is set. A minimum of 4 streamers must be out of the water aft of the stern.
- (ii) For vessels with masts, poles, or rigging using bottom longline other than snap gear, as defined in paragraph (6)(i) of the definition of fishing gear in § 660.11, the following requirements apply:
- (A) Streamer lines must be a minimum length of 300 feet (91.4 m).
  - (B) The number of streamer lines required and the streamer line deployment requirements vary by vessel length as follows:
    - (1) Vessels greater than or equal to 26 feet (7.9 m) and less than 55 feet (16.8 m) LOA must use a minimum of one streamer line. Streamer line must be deployed before the first hook is set in such a way that streamers are in the air for a minimum of 131.2 ft (40 m) aft of the stern and within 6.6 ft (2 m) horizontally of the point where the main groundline enters the water. A minimum of 8 streamers must be out of the water aft of the stern.
    - (2) Vessels greater than or equal to 55 feet (16.8 m) LOA must use paired streamer lines. At least one streamer line must be deployed before the first hook is set in such a way that streamers are in the air for a minimum of 131.2 ft (40 m) aft of the stern and within 6.6 ft (2 m) horizontally of the point where the main groundline enters the water. A minimum of 8 streamers must be out of the water aft of the stern. The second streamer line must be deployed within 90 seconds thereafter.
      - (i) For vessels deploying gear from the stern, the streamer lines must be deployed from the stern, one on each side of the main groundline.
      - (ii) For vessels deploying gear from the side, the streamer lines must be deployed from the stern, one over the main groundline and the other on one side of the main groundline.
- (iii) Vessels without masts, poles, or rigging. A minimum of 1 buoy bag line must be used by vessels without superstructure, including masts, poles, or rigging. The buoy bag line must hang over the area where baited hooks may be accessible to seabirds, which is generally within 6.5 feet (2 m) of the sea surface.
- (iv) The following weather safety exemptions apply, based on vessel length:
- (A) Vessels greater than or equal to 26 feet (7.9 m) and less than 55 feet (16.8 m) LOA are exempted from the requirements of paragraph (c)(1)(iii) of this section when a National Weather Service Small Craft Advisory for Winds is in effect, or other National Weather Service Advisory for wind speeds exceeding those that trigger a Small Craft Advisory for Winds. This exemption applies only during the time and within the area indicated in the National Weather Service Weather Advisory or in an area seaward of such an area.



- (B) Vessels 55 feet and longer (16.8 m) LOA are exempted from the requirements of paragraph (c)(1)(iii) of this section when a National Weather Service Gale Warning is in effect. This exemption applies only during the time and within the area indicated in the National Weather Service Gale Warning.
- (3) **Night setting.** The operator of a vessel described in paragraph (b)(1) of this section, that begins and completes deployment of gear between one hour after local sunset and one hour before local sunrise is exempt from the provisions of paragraphs (c)(1) and (2) of this section.

[80 FR 71980, Nov. 18, 2015, as amended at 84 FR 67678, Dec. 11, 2019]

### § 660.24 Limited entry and open access fisheries.

- (a) **General.** All commercial fishing for groundfish must be conducted in accordance with the regulations governing limited entry and open access fisheries, except such fishing by treaty Indian tribes as may be separately provided for.
- (b) [Reserved]

### § 660.25 Permits.

- (a) **General.** Each of the permits or licenses in this section has different conditions or privileges as part of the permit or license. The permits or licenses in this section confer a conditional privilege of participating in the Pacific coast groundfish fishery, in accordance with Federal regulations in 50 CFR part 660, subparts C through G.
- (b) **Limited entry permit –**
  - (1) **Eligibility and registration –**
    - (i) **General.** In order for a vessel to be used to fish in the limited entry fishery, the vessel owner must hold a limited entry permit and, through SFD, must register that vessel for use with a limited entry permit. When participating in the limited entry fishery, a vessel is authorized to fish with the gear type endorsed on the limited entry permit registered for use with that vessel, except that the MS permit does not have a gear endorsement. There are three types of gear endorsements: Trawl, longline, and pot (or trap). All limited entry permits, except the MS permit, have size endorsements; a vessel registered for use with a limited entry permit must comply with the vessel size requirements of this subpart. A sablefish endorsement is also required for a vessel to be used to fish in the primary season for the limited entry fixed gear sablefish fishery, north of 36° N. lat. Certain limited entry permits will also have endorsements required for participation in a specific fishery, such as the MS/CV endorsement and the C/P endorsement.
    - (ii) **Eligibility.** Only a person eligible to own a documented vessel under the terms of 46 U.S.C. 12113 (a) may be issued or may hold a limited entry permit.
    - (iii) **Registration.** Limited entry permits will normally be registered for use with a particular vessel at the time the permit is issued, renewed, or replaced. If the permit will be used with a vessel other than the one registered on the permit, the permit owner must register that permit for use with the new vessel through the SFD. The reissued permit must be placed on board the new vessel in order for the vessel to be used to fish in the limited entry fishery.

- (A) For all limited entry permits, including MS permits, MS/CV-endorsed permits, and C/P-endorsed permits when they are not fishing in the at-sea whiting fisheries, registration of a limited entry permit to be used with a new vessel will take effect no earlier than the first day of the next major limited entry cumulative limit period following the date SFD receives the change in vessel registration form and the original permit.
  - (B) For MS permits, MS/CV-endorsed permits, and C/P-endorsed permits when they are fishing in the at-sea whiting fisheries, registration of a limited entry permit to be used with a new vessel will take effect on the date NMFS approves and issues the permit.
  - (iv) **Limited entry permits indivisible.** Limited entry permits may not be divided for use by more than one vessel.
  - (v) **Initial administrative determination (IAD).** SFD will make a determination regarding permit endorsements, renewal, replacement, change in permit ownership and change in vessel registration. SFD will notify the permit owner in writing with an explanation of any determination to deny a permit endorsement, renewal, replacement, change in permit ownership or change in vessel registration. The SFD will decline to act on an application for permit endorsement, renewal, replacement, or change in registration of a limited entry permit if the permit is subject to sanction provisions of the Magnuson-Stevens Act at 16 U.S.C. 1858(a) and implementing regulations at 15 CFR part 904, subpart D, apply.
- (2) **Mothership (MS) permit.** The MS permit conveys a conditional privilege for the vessel registered to it, to participate in the MS fishery by receiving and processing deliveries of groundfish in the Pacific whiting mothership sector. An MS permit is a type of limited entry permit. An MS permit does not have any endorsements affixed to the permit. The provisions for the MS permit, including eligibility, renewal, change of permit ownership, vessel registration, fees, and appeals are described at § 660.150 (f).
- (3) **Endorsements –**
- (i) **“A” endorsement.** A limited entry permit with an “A” endorsement entitles the vessel registered to the permit to fish in the limited entry fishery for all groundfish species with the type(s) of limited entry gear specified in the endorsement, except for sablefish harvested north of 36° N. lat. during times and with gears for which a sablefish endorsement is required. See paragraph (b)(3)(iv) of this section for provisions on sablefish endorsement requirements. An “A” endorsement is affixed to the limited entry permit. The limited entry permit with an “A” endorsement may be registered to another person (*i.e.*, change in permit ownership), or to a different vessel (*i.e.*, change in vessel registration) under paragraph (b)(4) of this section. An “A” endorsement expires on failure to renew the limited entry permit to which it is affixed. An MS permit is not considered a limited entry “A”-endorsed permit.
  - (ii) **Gear endorsement.** There are three types of gear endorsements: Trawl, longline, and pot (trap). When limited entry “A”-endorsed permits were first issued, some vessel owners qualified for more than one type of gear endorsement based on the landings history of their vessels. Each limited entry “A”-endorsed permit has one or more gear endorsement(s). Gear endorsement(s) assigned to the permit at the time of issuance will be permanent and shall not be modified. While participating in the limited entry fishery, the vessel registered to the limited entry “A”-endorsed permit is authorized to fish the gear(s) endorsed on the permit. While participating in the limited entry, fixed gear primary fishery for sablefish described at § 660.231, a vessel registered to more than one limited entry permit is authorized to fish with any gear, except trawl

gear, endorsed on at least one of the permits registered for use with that vessel. Vessels registered to limited entry permits may be used to fish with open access gear, subject to the crossover provisions at § 660.60(h)(7)(ii), except that vessels registered to sablefish-endorsed permits fishing in the sablefish primary season described at § 660.231, may not fish with open access gear against those limits. An MS permit does not have a gear endorsement.

(iii) ***Vessel size endorsements*** –

(A) ***General.*** Each limited entry “A”-endorsed permit will be endorsed with the LOA for the size of the vessel that initially qualified for the permit, except when permits are combined into one permit to be registered for use with a vessel requiring a larger size endorsement, the new permit will be endorsed for the size that results from the combination of the permits.

(B) ***Limitations of size endorsements.***

(1) A limited entry permit may be registered for use with a vessel up to 5 ft (1.52 m) longer than, the same length as, or any length shorter than, the size endorsed on the existing permit without requiring a combination of permits or a change in the size endorsement.

(2) The vessel harvest capacity rating for each of the permits being combined is that indicated in Table 3 of subpart C for the LOA (in feet) endorsed on the respective limited entry permit. Harvest capacity ratings for fractions of a foot in vessel length will be determined by multiplying the fraction of a foot in vessel length by the difference in the two ratings assigned to the nearest integers of vessel length. The length rating for the combined permit is that indicated for the sum of the vessel harvest capacity ratings for each permit being combined. If that sum falls between the sums for two adjacent lengths on Table 3 of subpart C, the length rating shall be the higher length.

(C) ***Size endorsement requirements for sablefish-endorsed permits.*** Notwithstanding paragraphs (b)(3)(iii)(A) and (B) of this section, when multiple permits are “stacked” on a vessel, as described in paragraph (b)(4)(iii), at least one of the permits must meet the size requirements of those sections. The permit that meets the size requirements of those sections is considered the vessel’s “base” permit, as defined in § 660.11, subpart C. If more than one permit registered for use with the vessel has an appropriate length endorsement for that vessel, NMFS SFD will designate a base permit by selecting the permit that has been registered to the vessel for the longest time. If the permit owner objects to NMFS’ selection of the base permit, the permit owner may send a letter to NMFS SFD requesting the change and the reasons for the request. If the permit requested to be changed to the base permit is appropriate for the length of the vessel, NMFS SFD will reissue the permit with the new base permit. Any additional permits that are stacked for use with a vessel participating in the limited entry fixed gear primary sablefish fishery may be registered for use with a vessel even if the vessel is more than 5 ft (1.5 m) longer or shorter than the size endorsed on the permit.

(iv) ***Sablefish endorsement and tier assignment*** –

(A) ***General.*** Participation in the limited entry fixed gear sablefish fishery during the primary season north of 36° N. lat., described in § 660.231, Subpart E, requires that an owner of a vessel hold (by ownership or lease) a limited entry permit, registered for use with that vessel, with a longline or trap (or pot) endorsement and a sablefish endorsement. Up to

three permits with sablefish endorsements may be registered for use with a single vessel. Limited entry permits with sablefish endorsements are assigned to one of three different cumulative trip limit tiers, based on the qualifying catch history of the permit.

- (1) A sablefish endorsement with a tier assignment will be affixed to the permit and will remain valid when the permit is registered to another permit owner (*i.e.*, change in permit ownership) or to another vessel (*i.e.*, change in vessel registration).
- (2) A sablefish endorsement and its associated tier assignment are not separable from the limited entry permit, and therefore, may not be registered to another permit owner (*i.e.*, change in permit ownership) or to another vessel (*i.e.*, change in vessel registration) separately from the limited entry permit.

**(B) *Ownership requirements and limitations.***

- (1) No partnership or corporation may own a limited entry permit with a sablefish endorsement unless that partnership or corporation owned a limited entry permit with a sablefish endorsement on November 1, 2000. Otherwise, only individual human persons may own limited entry permits with sablefish endorsements.
- (2) No individual person, partnership, or corporation in combination may have ownership interest in or hold more than 3 permits with sablefish endorsements either simultaneously or cumulatively over the primary season, except for an individual person, or partnerships or corporations that had ownership interest in more than 3 permits with sablefish endorsements as of November 1, 2000. The exemption from the maximum ownership level of 3 permits only applies to ownership of the particular permits that were owned on November 1, 2000. An individual person, or partnerships or corporations that had ownership interest in 3 or more permits with sablefish endorsements as of November 1, 2000, may not acquire additional permits beyond those particular permits owned on November 1, 2000. If, at some future time, an individual person, partnership, or corporation that owned more than 3 permits as of November 1, 2000, sells or otherwise permanently transfers (not holding through a lease arrangement) some of its originally owned permits, such that they then own fewer than 3 permits, they may then acquire additional permits, but may not have ownership interest in or hold more than 3 permits.
- (3) A partnership or corporation will lose the exemptions provided in paragraphs (b)(3)(iv)(B)(1) and (2) of this section on the effective date of any change in the corporation or partnership from that which existed on November 1, 2000. A “change” in the partnership or corporation is defined at § 660.11. A change in the partnership or corporation must be reported to SFD within 15 calendar days of the addition of a new shareholder or partner.
- (4) Any partnership or corporation with any ownership interest in a limited entry permit with a sablefish endorsement or in the vessel registered to the permit shall document the extent of that ownership interest with NMFS via the Identification of Ownership Interest Form sent to the permit owner through the annual permit renewal process and whenever a change in permit owner, vessel owner, and/or vessel registration occurs as described at paragraph (b)(4)(v) and (vi) of this section. NMFS will not renew a sablefish-endorsed limited entry permit through the annual renewal process described at paragraph (b)(4)(i) of this section, or approve a change in permit owner,

vessel owner, and/or vessel registration unless the Identification of Ownership Interest Form has been completed. Further, if NMFS discovers through review of the Identification of Ownership Interest Form that an individual person, partnership, or corporation owns or holds more than 3 permits and is not authorized to do so under paragraph (b)(3)(iv)(B)(2) of this section, the individual person, partnership or corporation will be notified and the permits owned or held by that individual person, partnership, or corporation will be void and reissued with the vessel status as “unidentified” until the permit owner owns and/or holds a quantity of permits appropriate to the restrictions and requirements described in paragraph (b)(3)(iv)(B)(2) of this section. If NMFS discovers through review of the Identification of Ownership Interest Form that a partnership or corporation has had a change in membership since November 1, 2000, as described in paragraph (b)(3)(iv)(B)(3) of this section, the partnership or corporation will be notified, NMFS will void any existing permits, and reissue any permits owned and/or held by that partnership or corporation in “unidentified” status with respect to vessel registration until the partnership or corporation is able to register ownership of those permits to persons authorized under this section to own sablefish-endorsed limited entry permits.

- (5) A person, partnership, or corporation that is exempt from the owner-on-board requirement may sell all of their permits, buy another sablefish-endorsed permit within one year of the date of approval of the last change in permit ownership, and retain their exemption from the owner-on-board requirements. An individual person, partnership or corporation could only obtain a permit if it has not added or changed individuals since November 1, 2000, excluding individuals that have left the partnership or corporation or that have died.
- (C) **Ownership limitation exemption.** As described in (b)(3)(iv)(B) of this section, no individual person, partnership, or corporation in combination may own and/or hold more than three sablefish-endorsed permits. A vessel owner that meets the qualifying criteria described in paragraph (b)(3)(iv)(C)(1) of this section may request an exemption from the ownership limitation.
- (1) **Qualifying criteria.** The three qualifying criteria for an ownership limitation exemption are: The vessel owner currently has no more than 20 percent ownership interest in a vessel registered to the sablefish endorsed permit, the vessel owner currently has ownership interest in Alaska sablefish individual fishing quota, and the vessel has fished in the past 12-month period in both the West Coast groundfish limited entry fixed gear fishery and the Sablefish IFQ Program in Alaska. The best evidence of a vessel owner having met these qualifying criteria will be state fish tickets or landing receipts from the West Coast states and Alaska. The qualifying vessel owner may seek an ownership limitation exemption for sablefish endorsed permits registered to no more than two vessels.
  - (2) **Application and issuance process for an ownership limitation exemption.** The SFD will make the qualifying criteria and application instructions available online at <https://www.fisheries.noaa.gov/region/west-coast>. A vessel owner who believes that they may qualify for the ownership limitation exemption must submit evidence with their application showing how their vessel has met the qualifying criteria described at paragraph (b)(3)(iv)(C)(1) of this section. The vessel owner must also submit a Sablefish Permit Ownership Limitation Exemption Identification of Ownership

Interest form that includes disclosure of percentage of ownership in the vessel and disclosure of individual shareholders in any entity. Paragraph (i) of this section sets out the relevant evidentiary standards and burden of proof. Applications may be submitted at any time to NMFS at: NMFS West Coast Region, Sustainable Fisheries Division, ATTN: Fisheries Permit Office—Sablefish Ownership Limitation Exemption, 7600 Sand Point Way NE, Seattle, WA 98115. After receipt of a complete application, the SFD will issue an IAD in writing to the applicant determining whether the applicant qualifies for the exemption. If an applicant chooses to file an appeal of the IAD, the applicant must follow the appeals process outlined at paragraph (g) of this section and, for the timing of the appeals, at paragraph (g)(4)(ii) of this section.

- (3) **Exemption status.** If at any time a change occurs relative to the qualifying criteria described at paragraph (b)(3)(iv)(C)(1), the vessel owner to whom the ownership limitation exemption applies must notify NMFS within 30 calendar days. If such changes mean the vessel owner no longer meets the qualifying criteria, the ownership limitation exemption becomes automatically null and void 30 calendar days after the date the vessel owner no longer meets the qualifying criteria. At any time, NMFS may request that the vessel owner submit a new exemption application. If NMFS at any time finds the vessel owner no longer meets the qualifying criteria described at paragraph (b)(3)(iv)(C)(1) of this section NMFS will issue an IAD, which may be appealed, as described at paragraph (g) of this section.
- (v) **MS/CV endorsement.** An MS/CV endorsement on a trawl limited entry permit conveys a conditional privilege that allows a vessel registered to it to fish in either the co-op or non-coop fishery in the MS Co-op Program described at § 660.150, subpart D. The provisions for the MS/CV-endorsed limited entry permit, including eligibility, renewal, change of permit ownership, vessel registration, combinations, accumulation limits, fees, and appeals are described at § 660.150. Each MS/CV endorsement has an associated catch history assignment (CHA) that is permanently linked as originally issued by NMFS and which cannot be divided or registered separately to another limited entry trawl permit. Regulations detailing this process and MS/CV-endorsed permit combinations are outlined in § 660.150(g)(2), subpart D.
- (vi) **C/P endorsement.** A C/P endorsement on a trawl limited entry permit conveys a conditional privilege that allows a vessel registered to it to fish in the C/P Co-op Program described at § 660.160. The provisions for the C/P-endorsed limited entry permit, including eligibility, renewal, change of permit ownership, vessel registration, combinations, fees, and appeals are described at § 660.160(e).
- (vii) **Endorsement and exemption restrictions.** “A” endorsements, gear endorsements, sablefish endorsements and sablefish tier assignments, and C/P endorsements may not be registered to another permit owner (i.e., change in permit ownership or ownership interest) or to another vessel (i.e., change in vessel registration) separately from the limited entry permit. At-sea processing exemptions, specified at paragraph (b)(6) of this section, are associated with the vessel and not with the limited entry permit and may not be registered to another permit owner or to another vessel without losing the exemption.
- (4) **Limited entry permit actions** —renewal, combination, stacking, joint registration, change of permit owner or vessel owner, and change in vessel registration—
- (i) **Renewal of limited entry permits and gear endorsements.**

- (A) Limited entry permits expire at the end of each calendar year, and must be renewed between October 1 and November 30 of each year in order to remain in force the following year.
- (B) Notification to renew limited entry permits will be issued by SFD prior to September 15 each year to the permit owner's most recent address in the SFD record. The permit owner shall provide SFD with notice of any address change within 15 days of the change.
- (C) Limited entry permit renewal requests received in SFD between November 30 and December 31 will be effective on the date that the renewal is approved. A limited entry permit that is allowed to expire will not be renewed unless the permit owner requests reissuance by March 31 of the following year and the SFD determines that failure to renew was proximately caused by illness, injury, or death of the permit owner.
- (D) Limited entry permits with sablefish endorsements, as described at paragraph (b)(3)(iv) of this section, will not be renewed until SFD has received complete documentation of permit ownership as required under paragraph (b)(3)(iv)(B)(4) of this section.
- (E) Limited entry permits with an MS/catcher vessel (CV) endorsement will not be renewed until SFD has received complete documentation of permit ownership as required under § 660.150(g).
- (F) A limited entry permit will not be renewed until a complete economic data collection form is submitted as required under § 660.113(b), (c) and (d), subpart D. The permit renewal will be marked incomplete until the required information is submitted.
- (G) An MS permit or a limited entry permit with a C/P endorsement will not be renewed, if it was the permit owner that failed to pay, until payment of all cost recovery program fees required pursuant to § 660.115 has been made. The IAD, appeals, and final decision process for the cost recovery program is specified at § 660.115(d)(3)(ii).
- (ii) **Combining limited entry "A" permits.** Two or more limited entry permits with "A" gear endorsements for the same type of limited entry gear may be combined and reissued as a single permit with a larger size endorsement as described in paragraph (b)(3)(iii) of this section.
  - (A) **Sablefish-endorsed permit.** With respect to limited entry permits endorsed for longline and pot (trap) gear, a sablefish endorsement will be issued for the new permit only if all of the permits being combined have sablefish endorsements. If two or more permits with sablefish endorsements are combined, the new permit will receive the same tier assignment as the tier with the largest cumulative landings limit of the permits being combined.
  - (B) **MS/CV-endorsed permit.** When an MS/CV-endorsed permit is combined with another MS/CV-endorsed permit or with another limited entry trawl permit with no MS/CV or C/P endorsement, the resulting permit will be MS/CV-endorsed with the associated CHA as specified at § 660.150(g)(2)(iv) and (v). If an MS/CV-endorsed permit is combined with a C/P-endorsed permit, the MS/CV endorsement and CHA will not be reissued on the combined permit.

- (C) **C/P-endorsed permit.** A C/P-endorsed permit that is combined with a limited entry trawl permit that is not C/P-endorsed will result in a single C/P-endorsed permit with a larger size endorsement. An MS/CV endorsement on one of the permits being combined will not be reissued on the resulting permit.
- (iii) **Stacking limited entry permits.** “Stacking” limited entry permits, as defined at § 660.11, refers to the practice of registering more than one sablefish-endorsed permit for use with a single vessel. Only limited entry permits with sablefish endorsements may be stacked. Up to 3 limited entry permits with sablefish endorsements may be registered for use with a single vessel during the sablefish primary season described at § 660.231, subpart E. Privileges, responsibilities, and restrictions associated with stacking permits to fish in the sablefish primary fishery are described at § 660.231, subpart E and at paragraph (b)(3)(iv) of this section.
- (iv) **Joint registration of limited entry permits –**
  - (A) **General.** “Joint registration” of limited entry permits, as defined at § 660.11, is the practice of simultaneously registering both trawl-endorsed and longline or trap/pot-endorsed limited entry permits for use with a single vessel.
  - (B) **Restrictions.** Subject to vessel size endorsements in paragraph (b)(3)(iii), any limited entry permit with a trawl endorsement and any limited entry permit with a longline or trap/pot endorsement may be jointly registered for use with a single vessel but only in one of the following configurations:
    - (1) a single trawl-endorsed limited entry permit and one, two or three sablefish-endorsed fixed gear (longline and/or fishpot endorsed) limited entry permits; or
    - (2) a single trawl-endorsed limited entry permit and one longline-endorsed limited entry permit for use with a single vessel.
- (v) **Changes in permit owner and/or vessel owner –**
  - (A) **General.** Change in permit owner and/or vessel owner applications must be submitted to NMFS with the appropriate documentation described at paragraphs (b)(4)(viii) and (ix) of this section. The permit owner may convey the limited entry permit to a different person. The new permit owner will not be authorized to use the permit until the change in permit owner has been registered with and approved by NMFS. NMFS will not approve a change in permit owner for a limited entry permit with a sablefish endorsement that does not meet the ownership requirements for such permit described at paragraph (b)(3)(iv)(B) of this section. NMFS will not approve a change in permit owner for a limited entry permit with an MS/CV endorsement that does not meet the ownership requirements for such permit described at § 660.150(g)(3). NMFS considers the following as a change in permit owner that would require registering with and approval by NMFS, including but not limited to: Selling the permit to another individual or entity; adding an individual or entity to the legal name on the permit; or removing an individual or entity from the legal name on the permit. A change in vessel owner includes any changes to the name(s) of any or all vessel owners, as registered with U.S. Coast Guard (USCG) or a state. The new owner(s) of a vessel registered to a limited entry permit must report any change in vessel ownership to NMFS within 30 calendar days after such change has been registered with the USCG or a state licensing agency.



- (B) **Effective date.** The change in permit ownership or change in the vessel holding the permit will be effective on the day the change is approved by NMFS, unless there is a concurrent change in the vessel registered to the permit. Requirements for changing the vessel registered to the permit are described at paragraph (b)(4)(vi) of this section.
  - (C) **Sablefish-endorsed permits.** If a permit owner submits an application to register a sablefish-endorsed limited entry permit to a new permit owner or vessel owner during the primary sablefish season described at § 660.231 (generally April 1 through December 31), the initial permit owner must certify on the application form the cumulative quantity, in round weight, of primary season sablefish landed against that permit as of the application signature date for the then current primary season. The new permit owner or vessel owner must sign the application form acknowledging the amount of landings to date given by the initial permit owner. This certified amount should match the total amount of primary season sablefish landings reported on state landing receipts. As required at § 660.12(b), any person landing sablefish must retain on board the vessel from which sablefish is landed, and provide to an authorized officer upon request, copies of any and all reports of sablefish landings from the primary season containing all data, and in the exact manner, required by the applicable state law throughout the primary sablefish season during which a landing occurred and for 15 days thereafter.
  - (D) **Change in MS/CV endorsement registration.** The requirements for a change in MS/CV endorsement registration between limited entry trawl permits are specified at § 660.150(g)(2)(iv).
- (vi) **Changes in vessel registration of limited entry permits and gear endorsements –**
- (A) **General.** A permit may not be used with any vessel other than the vessel registered to that permit. For purposes of this section, a permit change in vessel registration occurs when, through SFD, a permit owner registers a limited entry permit for use with a new vessel. Permit change in vessel registration applications must be submitted to SFD with the appropriate documentation described at paragraph (b)(4)(viii) of this section. Upon receipt of a complete application, and following review and approval of the application, the SFD will reissue the permit registered to the new vessel. Applications to change vessel registration on limited entry permits with sablefish endorsements will not be approved until SFD has received complete documentation of permit ownership as described at paragraph (b)(3)(iv)(B)(4) and as required under paragraph (b)(4)(viii) of this section. Applications to change vessel registration on limited entry permits with trawl endorsements or MS permits will not be approved until SFD has received complete EDC forms as required under § 660.114, subpart D.
  - (B) **Application.** Change in vessel registration applications must be submitted to NMFS with the appropriate documentation described at paragraphs (b)(4)(viii) and (ix) of this section. At a minimum, a permit owner seeking to change vessel registration of a limited entry permit shall submit to NMFS a signed application form and his/her current limited entry permit before the first day of the cumulative limit period in which they wish to fish. If a permit owner provides a signed application and current limited entry permit after the first day of a cumulative limit period, the permit will not be effective until the succeeding cumulative limit period. NMFS will not approve a change in vessel registration until it receives a complete application, the existing permit, a current copy of the USCG 1270, and other required documentation.

- (C) **Effective date.** Changes in vessel registration on permits will take effect no sooner than the first day of the next major limited entry cumulative limit period following the date that SFD receives the signed permit change in vessel registration form and the original limited entry permit, except that changes in vessel registration on MS permits and C/P-endorsed permits will take effect immediately upon reissuance to the new vessel, and a change in vessel registration on MS/CV-endorsed permits will take effect immediately upon reissuance to the new vessel only on the second change in vessel registration for the year. No change in vessel registration is effective until the limited entry permit has been reissued as registered with the new vessel.
- (D) **Sablefish-endorsed permits.** If a permit owner submits an application to register a sablefish-endorsed limited entry permit to a new vessel during the primary sablefish season described at § 660.231 (generally April 1 through December 31), the initial permit owner must certify on the application form the cumulative quantity, in round weight, of primary season sablefish landed against that permit as of the application signature date for the then current primary season. The new permit owner or vessel owner associated with the new vessel must sign the application form acknowledging the amount of landings to date given by the initial permit owner. This certified amount should match the total amount of primary season sablefish landings reported on state landing receipts. As required at § 660.12(b), any person landing sablefish must retain on board the vessel from which sablefish is landed, and provide to an authorized officer upon request, copies of any and all reports of sablefish landings from the primary season containing all data, and in the exact manner, required by the applicable state law throughout the primary sablefish season during which a landing occurred and for 15 days thereafter.
- (vii) **Restriction on frequency of changes in vessel registration** –
- (A) **General.** A permit owner may designate the vessel registration for a permit as “unidentified,” meaning that no vessel has been identified as registered for use with that permit. No vessel is authorized to use a permit with the vessel registration designated as “unidentified.” A vessel owner who removes a permit from his vessel and registers that permit as “unidentified” is not exempt from VMS requirements at § 660.14, unless specifically authorized by that section. When a permit owner requests that the permit's vessel registration be designated as “unidentified,” the transaction is not considered a change in vessel registration for purposes of this section. Any subsequent request by a permit owner to change from the “unidentified” status of the permit in order to register the permit with a specific vessel will be considered a change in vessel registration and subject to the restriction on frequency and timing of changes in vessel registration.
- (B) **Limited entry fixed gear and trawl-endorsed permits (without MS/CV or C/P endorsements).** Limited entry fixed gear and trawl-endorsed permits (without MS/CV or C/P endorsements) may not be registered for use with a different vessel more than once per calendar year, except in cases of death of a vessel owner or if the vessel registered to the permit is totally lost as defined in § 660.11. The exception for death of a vessel owner applies for a vessel owned by a partnership or a corporation if the person or persons with at least 50 percent of the ownership interest in the entity dies.
- (C) **Limited entry permits with an MS/CV endorsement.** Limited entry permits with an MS/CV endorsement may be registered to another vessel up to two times during the calendar year as long as the second change in vessel registration is back to the original vessel. The

original vessel is either the vessel registered to the permit as of January 1, or if no vessel is registered to the permit as of January 1, the original vessel is the first vessel to which the permit is registered after January 1. After the original vessel has been established, the first change in vessel registration would be to another vessel, but any second change in vessel registration must be back to the original vessel. On the second change in vessel registration back to the original vessel, that vessel must be used to fish exclusively in the MS Co-op Program described at § 660.150 for the remainder of the calendar year, and declare into the limited entry mid water trawl, Pacific whiting mothership sector as specified at § 660.13(d)(4)(iv).

- (D) **Limited entry MS permits and limited entry permits with a catcher/processor (C/P) endorsement.** Vessels registered to both a MS permit and a C/P endorsed permit may operate in both the at-sea MS sector and C/P sector during the same calendar year, but not on the same trip. Prior to leaving port, a vessel registered under both a MS permit and a C/P endorsed permit must declare through VMS the sector in which it will participate for the duration of the trip, as specified at § 660.13(d)(4)(iv)(A).
- (viii) **Application and supplemental documentation.** Permit owners may request a change in vessel registration and/or change in permit owner or vessel owner by submitting a complete application form. In addition, a permit owner applying for a change in vessel registration and/or change in permit owner of a limited entry permit has the burden to submit evidence to prove that qualification requirements are met. If a change in vessel owner occurs, the new vessel owner has the burden to submit evidence to prove that qualification requirements are met. The following evidentiary standards apply:
- (A) For a request to change a vessel registration and/or change a permit owner or vessel owner, the permit owner must provide NMFS with a current copy of the USCG Form 1270 for vessels of 5 net tons or greater, or a current copy of a state registration form for vessels under 5 net tons.
- (B) For a request to change a vessel registration and/or change a permit owner or vessel owner for sablefish-endorsed permits with a tier assignment for which a corporation or partnership is listed as permit owner and/or vessel owner, an Identification of Ownership Interest Form must be completed and included with the application form.
- (C) For a request to change a vessel registration and/or change a permit owner or vessel owner for a MS/CV-endorsed limited entry permit, an Identification of Ownership Interest Form must be completed and included with the application form.
- (D) For a request to change the vessel registration to a permit, the permit owner must submit to SFD a current marine survey conducted by a certified marine surveyor in accordance with USCG regulations to authenticate the length overall of the vessel being newly registered with the permit. Marine surveys older than 3 years at the time of the request for change in vessel registration will not be considered "current" marine surveys for purposes of this requirement.
- (E) For a request to change a permit's ownership where the current permit owner is a corporation, partnership or other business entity, the applicant must provide to SFD a corporate resolution that authorizes the conveyance of the permit to a new owner and which authorizes the individual applicant to request the conveyance on behalf of the corporation, partnership, or other business entity.

- (F) For a request to change a permit's ownership that is necessitated by the death of the permit owner(s), the individual(s) requesting conveyance of the permit to a new owner must provide SFD with a death certificate of the permit owner(s) and appropriate legal documentation that either: Specifically registers the permit to a designated individual(s); or, provides legal authority to the transferor to convey the permit ownership or to request a change in vessel registration.
  - (G) For a request to change a permit's ownership that is necessitated by divorce, the individual requesting the change in permit ownership must submit an executed divorce decree that awards the permit to a designated individual(s).
  - (H) Such other relevant, credible documentation as the applicant may submit, or the SFD or Regional Administrator may request or acquire, may also be considered.
  - (ix) **Application forms available.** Application forms for a change in vessel registration, permit owner, or vessel owner are available at: NMFS West Coast Region, Sustainable Fisheries Division, ATTN: Fisheries Permit Office, 7600 Sand Point Way NE, Seattle, WA 98115; or <https://www.fisheries.noaa.gov/region/west-coast>. Contents of the application, and required supporting documentation, are also specified in the application form. Only complete applications will be processed.
  - (x) **Records maintenance.** The SFD will maintain records of all limited entry permits that have been issued, renewed, registered, or replaced.
- (5) **Small fleet.**
- (i) Small limited entry fisheries fleets that are controlled by a local government, are in existence as of July 11, 1991, and have negligible impacts on the groundfish resource, may be certified as consistent with the goals and objectives of the limited entry program and incorporated into the limited entry fishery. Permits issued under this subsection will be issued in accordance with the standards and procedures set out in the PCGFMP and will carry the rights explained therein.
  - (ii) A permit issued under this section may be registered only to another vessel that will continue to operate in the same certified small fleet, provided that the total number of vessels in the fleet does not increase. A vessel may not use a small fleet limited entry permit for participation in the limited entry fishery outside of authorized activities of the small fleet for which that permit and vessel have been designated.
- (6) **At-sea processing exemptions –**
- (i) **Sablefish at-sea processing exemption.** No new applications for sablefish at-sea processing exemptions will be accepted. As specified at § 660.212(d)(3), subpart E, vessels are prohibited from processing sablefish at sea that were caught in the sablefish primary fishery without a sablefish at-sea processing exemption. Any sablefish at-sea processing exemptions were issued to a particular vessel and that permit and vessel owner who requested the exemption. The exemption is not part of the limited entry permit. The exemption cannot be registered with any other vessel, vessel owner, or permit owner for any reason. The exemption only applies to at-sea processing of sablefish caught in the sablefish primary fishery. The sablefish at-sea processing exemption will expire upon registration of the vessel to a new owner or if the vessel is totally lost, as defined at § 660.11.

- (ii) **Non-whiting at-sea processing exemption.** No new applications for non-whiting at-sea processing exemptions will be accepted. As specified at § 660.112(b)(1)(xii), subpart D, vessels are prohibited from processing non-whiting groundfish at sea that were caught in the Shorebased IFQ Program without a non-whiting at-sea processing exemption. Any non-whiting at-sea processing exemptions were issued to a particular vessel and that permit and/or vessel owner who requested the exemption. The exemption is not part of the limited entry permit. The exemption is not transferable to any other vessel, vessel owner, or permit owner for any reason. The exemption only applies to at-sea processing of non-whiting groundfish caught in the Shorebased IFQ Program. The non-whiting at-sea processing exemption will expire upon registration of the vessel to a new owner or if the vessel is totally lost, as defined at § 660.11.
- (c) **Quota share (QS) permit.** A QS permit conveys a conditional privilege to a person to own QS or IBQ for designated species and species groups and to fish in the Shorebased IFQ Program described § 660.140, subpart D. A QS permit is not a limited entry permit. The provisions for the QS permit, including eligibility, renewal, change of permit ownership, accumulation limits, fees, and appeals are described at § 660.140, subpart D.
- (d) **First receiver site license.** The first receiver site license conveys a conditional privilege to a first receiver to receive, purchase, or take custody, control or possession of landings from the Shorebased IFQ Program. The first receiver site license is issued for a person and a unique physical site consistent with the terms and conditions required to account for and weigh the landed species. A first receiver site license is not a limited entry permit. The provisions for the First Receiver Site License, including eligibility, registration, change of ownership, fees, and appeals are described at § 660.140(f), subpart D.
- (e) **Co-op permit –**
  - (1) **MS co-op permit.** An MS co-op permit conveys a conditional privilege to an eligible co-op entity to receive and manage a coop's allocation of designated species and species groups. An MS co-op permit is not a limited entry permit. The provisions for the MS co-op permit, including eligibility, annual registration, fees, and appeals are described in the MS Co-op Program at § 660.150, subpart D.
  - (2) **C/P co-op permit.** A C/P co-op permit conveys a conditional privilege to an eligible co-op entity to receive and manage a coop's allocation of designated species and species groups. A C/P co-op permit is not a limited entry permit. The provisions for the C/P co-op permit, including eligibility, annual registration, fees, and appeals are described in the C/P Co-op Program at § 660.160, subpart D.
- (f) **Permit fees.** The Regional Administrator is authorized to charge fees to cover administrative expenses related to issuance of permits including initial issuance, renewal, permit registration, vessel registration, replacement, and appeals. The appropriate fee must accompany each application.
- (g) **Permit appeals process –**
  - (1) **General.** For permit actions, including issuance, renewal, change in vessel registration and/or change in permit owner or vessel owner, and endorsement upgrade, the Assistant Regional Administrator for Sustainable Fisheries will make an IAD on the action. In cases where the applicant disagrees with the IAD, the applicant may appeal that decision. Final decisions on appeals of IADs regarding issuance, renewal, change in vessel registration and/or change in permit owner or vessel owner, and endorsement upgrade, will be made in writing by the Regional Administrator acting on behalf of the Secretary of Commerce and will state the reasons therefore. This section describes the procedures

for appealing the IAD on permit actions made in this title under subparts C through G of part 660. Additional information regarding appeals of an IAD related to the trawl rationalization program is contained in the specific program sections under subpart D of part 660.

- (2) **Who May Appeal?** Only a person who received an IAD that disapproved any part of their application may file a written appeal. For purposes of this section, such person will be referred to as the "applicant."
- (3) **Submission of appeals.**
  - (i) The appeal must be in writing, must allege credible facts or circumstances to show why the criteria in this subpart have been met, and must include any relevant information or documentation to support the appeal.
  - (ii) Appeals must be mailed or faxed to: NMFS West Coast Region, Sustainable Fisheries Division, ATTN: Appeals, 7600 Sand Point Way NE., Seattle, WA, 98115; Fax: 206-526-6426; or delivered to National Marine Fisheries Service at the same address.
- (4) **Timing of appeals.**
  - (i) For permit actions related to the application and initial issuance process for QS permits, MS permits, MS/CV endorsements, and C/P endorsements for the trawl rationalization program listed in subpart D of part 660, if an applicant appeals an IAD, the appeal must be postmarked, faxed, or hand delivered to NMFS no later than 60 calendar days after the date on the IAD. If the applicant does not appeal the IAD within 60 calendar days, the IAD becomes the final decision of the Regional Administrator acting on behalf of the Secretary of Commerce.
  - (ii) For all other permit actions, if an applicant appeals an IAD, the appeal must be postmarked, faxed, or hand delivered to NMFS no later than 30 calendar days after the date on the IAD. If the applicant does not appeal the IAD within 30 calendar days, the IAD becomes the final decision of the Regional Administrator acting on behalf of the Secretary of Commerce.
  - (iii) The time period to submit an appeal begins with the date on the IAD. If the last day of the time period is a Saturday, Sunday, or Federal holiday, the time period will extend to the close of business on the next business day.
- (5) **Address of record.** For purposes of the appeals process, NMFS will establish as the address of record, the address used by the applicant in initial correspondence to NMFS. Notifications of all actions affecting the applicant after establishing an address of record will be mailed to that address, unless the applicant provides NMFS, in writing, with any changes to that address. NMFS bears no responsibility if a notification is sent to the address of record and is not received because the applicant's actual address has changed without notification to NMFS.
- (6) **Decisions on appeals.**
  - (i) For the appeal of an IAD related to the application and initial issuance process for the trawl rationalization program listed in subpart D of part 660, the Regional Administrator shall appoint an appeals officer. After determining there is sufficient information and that all procedural requirements have been met, the appeals officer will review the record and issue a recommendation on the appeal to the Regional Administrator, which shall be advisory only. The recommendation must be based solely on the record. Upon receiving the findings and recommendation, the Regional Administrator shall issue a final decision on the appeal acting on behalf of the Secretary of Commerce in accordance with paragraph (g)(6)(ii) of this section.

- (ii) **Final decision on appeal.** The Regional Administrator will issue a written decision on the appeal which is the final decision of the Secretary of Commerce.

(7) **Status of permits pending appeal.**

- (i) For all permit actions, except those actions related to the application and initial issuance process for the trawl rationalization program listed in subpart D of part 660, the permit registration remains as it was prior to the request until the final decision has been made.
- (ii) For permit actions related to the application and initial issuance process for the trawl rationalization program listed in subpart D of part 660, the status of permits pending appeal is as follows:
  - (A) For permit and endorsement qualifications and eligibility appeals (*i.e.*, QS permit, MS permit, MS/CV endorsement, C/P endorsement), any permit or endorsement under appeal after December 31, 2010 may not be used to fish in the Pacific Coast groundfish fishery until a final decision on the appeal has been made. If the permit or endorsement will be issued, the permit or endorsement will be effective upon approval, except for QS permits, which will be effective at the start of the next fishing year.
  - (B) For a QS or IBQ amount for specific IFQ management unit species under appeal, the QS or IBQ amount for the IFQ species under appeal will remain as the amount assigned to the associated QS permit in the IAD). The QS permit may be used to fish in the Pacific Coast groundfish fishery with the QS or IBQ amounts assigned to the QS permit in the IAD. Once a final decision on the appeal has been made and if a revised QS or IBQ amount for a specific IFQ species will be assigned to the QS permit, the additional QS or IBQ amount associated with the QS permit will be effective at the start of the next calendar year following the final decision.
  - (C) For a Pacific whiting catch history assignment associated with an MS/CV endorsement under appeal, the catch history assignment will remain as that previously assigned to the associated MS/CV-endorsed limited entry permit in the IAD). The MS/CV-endorsed limited entry permit may be used to fish in the Pacific Coast groundfish fishery with the catch history assigned to the MS/CV-endorsed permit in the IAD. Once a final decision on the appeal has been made, and if a revised catch history assignment will be issued, the additional Pacific whiting catch history assignment associated with the MS/CV endorsement will be effective at the start of the next calendar year following the final decision.

(h) **Permit sanctions.**

- (1) All permits and licenses issued or applied for under Subparts C through G are subject to sanctions pursuant to the Magnuson-Stevens Act at 16 U.S.C. 1858(g) and 15 CFR part 904, subpart D.
- (2) All Shorebased IFQ Program permits (QS permit, first receiver site license), QS accounts, vessel accounts, and MS Co-op Program permits (MS permit, MS/CV-endorsed permit, and MS co-op permit), and C/P Co-op Program permits (C/P-endorsed permit, C/P co-op permit) issued under subpart D:
  - (i) Are considered permits for the purposes of 16 U.S.C. 1857, 1858, and 1859;

- (ii) May be revoked, limited, or modified at any time in accordance with the Magnuson-Stevens Act, including revocation if the system is found to have jeopardized the sustainability of the stocks or the safety of fishermen;
- (iii) Shall not confer any right of compensation to the holder of such permits, licenses, and accounts if it is revoked, limited, or modified;
- (iv) Shall not create, or be construed to create, any right, title, or interest in or to any fish before the fish is harvested by the holder; and
- (v) Shall be considered a grant of permission to the holder of the permit, license, or account to engage in activities permitted by such permit, license, or account.

[75 FR 60897, Oct. 1, 2010, as amended at 75 FR 78381, Dec. 15, 2010; 76 FR 53835, Aug. 30, 2011; 76 FR 74734, Dec. 1, 2011; 77 FR 55155, Sept. 7, 2012; 78 FR 68767, Nov. 15, 2013; 78 FR 75278, Dec. 11, 2013; 81 FR 84426, Nov. 23, 2016; 83 FR 62276, Dec. 3, 2018; 85 FR 37029, June 19, 2020; 85 FR 68003, Oct. 27, 2020; 86 FR 26442, May 14, 2021; 86 FR 58813, Oct. 25, 2021; 86 FR 59875, Oct. 29, 2021; 86 FR 70422, Dec. 10, 2021; 87 FR 77014, Dec. 16, 2022; 87 FR 77005, Dec. 16, 2022; 88 FR 81358, Nov. 22, 2023]

### § 660.30 Compensation with fish for collecting resource information—EFPs.

In addition to the reasons stated in § 600.745(b)(1) of this chapter, an EFP may be issued under this subpart C for the purpose of compensating the owner or operator of a vessel for collecting resource information according to a protocol approved by NMFS. NMFS may issue an EFP allowing a vessel to retain fish as compensation in excess of trip limits or to be exempt from other specified management measures for the Pacific coast groundfish fishery.

- (a) **Compensation EFP for vessels under contract with NMFS to conduct a resource survey.** NMFS may issue an EFP to the owner or operator of a vessel that conducted a resource survey according to a contract with NMFS. A vessel's total compensation from all sources (in terms of dollars or amount of fish, including fish from survey samples or compensation fish) will be determined through normal Federal procurement procedures. The compensation EFP will specify the maximum amount or value of fish the vessel may take and retain after the resource survey is completed.
  - (1) **Competitive offers.** NMFS may initiate a competitive solicitation (request for proposals or RFP) to select vessels to conduct resource surveys that use fish as full or partial compensation, following normal Federal procurement procedures.
  - (2) **Consultation and approval.** At a Council meeting, NMFS will consult with the Council and receive public comment on upcoming resource surveys to be conducted if groundfish could be used as whole or partial compensation. Generally, compensation fish would be similar to surveyed species, but there may be reasons to provide payment with healthier, more abundant, less restricted stocks, or more easily targeted species. For example, NMFS may decline to pay a vessel with species that are, or are expected to be, overfished, or that are subject to overfishing, or that are unavoidably caught with species that are overfished or subject to overfishing. NMFS may also consider levels of discards, bycatch, and other factors. If the Council does not approve providing whole or partial compensation for the conduct of a survey, NMFS will not use fish, other than fish taken during the scientific research, as compensation for that survey. For each proposal, NMFS will present:
    - (i) The maximum number of vessels expected or needed to conduct the survey,
    - (ii) An estimate of the species and amount of fish likely to be needed as compensation,



- (iii) When the survey and compensation fish would be taken, and
  - (iv) The year in which the compensation fish would be deducted from the ACL or ACT before determining the fishery harvest guideline or commercial harvest guideline.
- (3) **Issuance of the compensation EFP.** Upon successful completion of the survey, NMFS will issue a "compensation EFP" to the vessel if it has not been fully compensated. The procedures in § 600.745(b)(1) through (b)(4) of this chapter do not apply to a compensation EFP issued under this subpart for the Pacific coast groundfish fishery (50 CFR part 660, subparts C through G).
- (4) **Terms and conditions of the compensation EFP.** Conditions for disposition of bycatch or any excess catch, for reporting the value of the amount landed, and other appropriate terms and conditions may be specified in the EFP. Compensation fishing must occur during the period specified in the EFP, but no later than the end of September of the fishing year following the survey, and must be conducted according to the terms and conditions of the EFP.
- (5) **Reporting the compensation catch.** The compensation EFP may require the vessel owner or operator to keep separate records of compensation fishing and to submit them to NMFS within a specified period of time after the compensation fishing is completed.
- (6) **Accounting for the compensation catch.** As part of the harvest specifications process, as described at § 660.60, subpart C, NMFS will advise the Council of the amount of fish authorized to be retained under a compensation EFP, which then will be deducted from the next harvest specifications (ACLs or ACTs) set by the Council. Fish authorized in an EFP too late in the year to be deducted from the following year's ACLs or ACTs will be accounted for in the next management cycle where it is practicable to do so.
- (b) Compensation for commercial vessels collecting resource information under a standard EFP. NMFS may issue an EFP to allow a commercial fishing vessel to take and retain fish in excess of current management limits for the purpose of collecting resource information (§ 600.745(b) of this chapter). The EFP may include a compensation clause that allows the participating vessel to be compensated with fish for its efforts to collect resource information according to NMFS' approved protocol. If compensation with fish is requested in an EFP application, or proposed by NMFS, the following provisions apply in addition to those at § 600.745(b) of this chapter.
- (1) **Application.** In addition to the requirements in § 600.745(b) of this chapter, application for an EFP with a compensation clause must clearly state whether a vessel's participation is contingent upon compensation with groundfish and, if so, the minimum amount (in metric tons, round weight) and the species. As with other EFPs issued under § 600.745 of this chapter, the application may be submitted by any individual, including a state fishery management agency or other research institution.
  - (2) **Denial.** In addition to the reasons stated in § 600.745(b)(3)(iii) of this chapter, the application will be denied if the requested compensation fishery, species, or amount is unacceptable for reasons such as, but not limited to, the following: NMFS concludes the value of the resource information is not commensurate with the value of the compensation fish; the proposed compensation involves species that are (or are expected to be) overfished or subject to overfishing, fishing in times or areas where fishing is otherwise prohibited or severely restricted, or fishing for species that would involve unavoidable bycatch of species that are overfished or subject to overfishing; or NMFS concludes the information can reasonably be obtained at a less cost to the resource.

- (3) **Window period for other applications.** If the Regional Administrator or designee agrees that compensation should be considered, and that more than a minor amount would be used as compensation, then a window period will be announced in the FEDERAL REGISTER during which additional participants will have an opportunity to apply. This notification would be made at the same time as announcement of receipt of the application and request for comments required under § 600.745(b). If there are more qualified applicants than needed for a particular time and area, NMFS will choose among the qualified vessels, either randomly, in order of receipt of the completed application, or by other impartial selection methods. If the permit applicant is a state, university, or Federal entity other than NMFS, and NMFS approves the selection method, the permit applicant may choose among the qualified vessels, either randomly, in order of receipt of the vessel application, or by other impartial selection methods.
- (4) **Terms and conditions.** The EFP will specify the amounts that may be taken as scientific samples and as compensation, the time period during which the compensation fishing must occur, management measures that NMFS will waive for a vessel fishing under the EFP, and other terms and conditions appropriate to the fishery and the collection of resource information. NMFS may require compensation fishing to occur on the same trip that the resource information is collected.
- (5) **Accounting for the catch.** Samples taken under this EFP, as well as any compensation fish, count toward the current year's catch or landings.

[75 FR 60897, Oct. 1, 2010, as amended at 76 FR 27529, May 11, 2011]

#### § 660.40 Rebuilding plans.

For each overfished groundfish stock with an approved rebuilding plan, this section contains the standards to be used to establish annual or biennial ACLs, specifically the target date for rebuilding the stock to its MSY level and the harvest control rule to be used to rebuild the stock. The harvest control rule may be expressed as a "Spawning Potential Ratio" or "SPR" harvest rate.

- (a) **Yelloweye rockfish.** Yelloweye rockfish was declared overfished in 2002. The target year for rebuilding the yelloweye rockfish stock to  $B_{MSY}$  is 2029. The harvest control rule to be used to rebuild the yelloweye rockfish stock is an annual SPR harvest rate of 65.0 percent.
- (b) [Reserved]

[82 FR 9638, Feb. 7, 2017, as amended at 83 FR 63991, Dec. 12, 2018; 85 FR 79892, Dec. 11, 2020]

#### § 660.50 Pacific Coast treaty Indian fisheries.

- (a) **Pacific Coast treaty Indian tribes have treaty rights.** Pacific Coast treaty Indian tribes have treaty rights to harvest groundfish in their usual and accustomed fishing areas in U.S. waters. In 1994, the United States formally recognized that the four Washington coastal treaty Indian tribes (Makah, Quileute, Hoh, and Quinault) have treaty rights to fish for groundfish in the Pacific Ocean, and concluded that, in general terms, the quantification of those rights is 50 percent of the harvestable surplus of groundfish that pass through the tribes U&A fishing areas.
- (b) **Pacific Coast treaty Indian tribes.** For the purposes of this part, Pacific Coast treaty Indian tribes means the Hoh Indian Tribe, Makah Indian Tribe, Quileute Indian Tribe and the Quinault Indian Nation.

- (c) **Usual and accustomed fishing areas or U&A fishing areas.** The Pacific Coast treaty Indian tribes' U&A fishing areas within the EEZ are set out in § 660.4.
- (d) **Procedures.** The rights referred to in paragraph (a) of this section will be implemented by the Secretary, after consideration of the tribal request, the recommendation of the Council, and the comments of the public. The rights will be implemented either through an allocation or set-aside of fish that will be managed by the tribes, or through regulations in this section that will apply specifically to the tribal fisheries.
  - (1) **Tribal allocations, set-asides, and regulations.** An allocation, set-aside or a regulation specific to the tribes shall be initiated by a written request from a Pacific Coast treaty Indian tribe to the Regional Administrator, prior to the first Council meeting in which biennial harvest specifications and management measures are discussed for an upcoming biennial management period. The Secretary generally will announce the annual tribal allocations at the same time as the announcement of the harvest specifications.
  - (2) **Co-management.** The Secretary recognizes the sovereign status and co-manager role of Indian tribes over shared Federal and tribal fishery resources. Accordingly, the Secretary will develop tribal allocations and regulations under this paragraph in consultation with the affected tribe(s) and, insofar as possible, with tribal consensus.
- (e) **Fishing by a member of a Pacific Coast treaty Indian tribe.** A member of a Pacific Coast treaty Indian tribe fishing under this section and within their U&A fishing area is not subject to the provisions of other sections of subparts C through G of this part.
  - (1) **Identification.** A valid treaty Indian identification card issued pursuant to 25 CFR part 249, subpart A, is prima facie evidence that the holder is a member of the Pacific Coast treaty Indian tribe named on the card.
  - (2) **Permits.** A limited entry permit described under § 660.25, subpart C is not required for a member of a Pacific Coast treaty Indian tribe to fish in a tribal fishery described in paragraph (d) of this section.
  - (3) **Federal and tribal laws and regulations.** Any member of a Pacific Coast treaty Indian tribe must comply with this section, and with any applicable tribal law and regulation, when participating in a tribal groundfish fishery described in this section.
  - (4) **Fishing outside the U&A fishing area or without a groundfish allocation.** Fishing by a member of a Pacific Coast treaty Indian tribe outside the applicable Indian tribe's U&A fishing area, or for a species of groundfish not covered by an allocation, set-aside, or regulation under this section, is subject to the regulations in the other sections of subpart C through subpart G of this part. Treaty fisheries operating within tribal allocations are prohibited from operating outside the U&A fishing areas described at § 660.4, subpart A.
- (f) **Pacific Coast treaty Indian fisheries allocations, harvest guidelines, and set-asides.** Catch amounts may be specified in this section and in Tables 1a and 2a to subpart C of this part. Trip limits for certain species were recommended by the tribes and the Council and are specified in paragraph (g) of this section.
  - (1) **Black rockfish.**
    - (i) Harvest guidelines for commercial harvests of black rockfish by members of the Pacific Coast Indian tribes using hook and line gear will be established biennially for two subsequent one-year periods for the areas between the U.S.-Canadian border and Cape Alava (48°09.50' N. lat.) and between Destruction Island (47°40' N. lat.) and Leadbetter Point (46°38.17' N. lat.), in

accordance with the procedures for implementing harvest specifications and management measures. Pacific Coast treaty Indians fishing for black rockfish in these areas under these harvest guidelines are subject to the provisions in this section, and not to the restrictions in other sections of subparts C through G of this part.

- (ii) For the commercial harvest of black rockfish off Washington State, a treaty Indian tribes' harvest guideline is set at 30,000 lb (13,608 kg) for the area north of Cape Alava, WA (48°09.50' N. lat) and 10,000 lb (4,536 kg) for the area between Destruction Island, WA (47°40' N. lat.) and Leadbetter Point, WA (46°38.17' N. lat.). This harvest guideline applies and is available to the Pacific Coast treaty Indian tribes. There are no tribal harvest restrictions for black rockfish in the area between Cape Alava and Destruction Island.

(2) **Sablefish.**

- (i) The sablefish allocation to Pacific coast treaty Indian Tribes is 10 percent of the sablefish ACL for the area north of 36° N. lat. This allocation represents the total amount available to the treaty Indian fisheries before deductions for discard mortality.
- (ii) The Tribal allocation is 849 mt in 2023 and 773 mt in 2024 per year. This allocation is, for each year, 10 percent of the Monterey through Vancouver area (North of 36° N lat.) ACL. The Tribal allocation is reduced by 1.7 percent for estimated discard mortality.

(3) **Lingcod.** Lingcod taken in the treaty fisheries are subject to a harvest guideline of 250 mt.

(4) **Pacific whiting.** The Tribal allocation for 2024 is 71,755.95 mt.

(5) **Pacific cod.** There is a tribal harvest guideline of 500 mt of Pacific cod per year. The tribes will manage their fisheries to stay within this harvest guideline.

(6) **Petrable sole.** For petrale sole, treaty fishing vessels are restricted to a fleetwide harvest target of 350 mt each year.

(7) **Yellowtail rockfish.** Yellowtail rockfish taken in the directed tribal mid-water trawl fisheries are subject to a catch limit of 1,000 mt for the entire fleet, per year.

(8) **Spiny dogfish.** Spiny dogfish taken in the treaty fisheries are subject to an overall expected total spiny dogfish catch of 275 mt per year.

(9) **Widow rockfish.** Widow rockfish taken in the directed tribal midwater trawl fisheries are subject to a catch limit of 200 mt for the entire fleet, per year.

(g) **Pacific Coast treaty Indian fisheries management measures.** Trip limits for certain species were recommended by the tribes and the Council and are specified here.

(1) **Rockfish.** The tribes will require full retention of all overfished rockfish species and all other marketable rockfish species during treaty fisheries.

(2) **Yelloweye rockfish** –are subject to a 100-lb (45-kg) trip limit.

(3) **Other rockfish** –

- (i) **Minor nearshore rockfish.** Minor nearshore rockfish are subject to a 300-lb (136-kg) trip limit per species or species group, or to the non-tribal limited entry trip limit for those species if those limits are less restrictive than 300 lb (136 kg) per trip. Limited entry trip limits for waters off Washington are specified in Table 1 (North) to subpart D, and Table 2 (North) to subpart E of this part.
- (ii) **Minor shelf rockfish and minor slope rockfish.** Redstripe rockfish are subject to an 800 lb (363 kg) trip limit. Minor shelf (excluding redstripe rockfish), and minor slope rockfish groups are subject to a 300 lb (136 kg) trip limit per species or species group, or to the non-tribal limited entry fixed gear trip limit for those species if those limits are less restrictive than 300 lb (136 kg) per trip. Limited entry fixed gear trip limits are specified in Table 2 (North) to subpart E of this part.
- (iii) **Other rockfish.** All other rockfish, not listed specifically in paragraph (g) of this section, are subject to a 300 lb (136 kg) trip limit per species or species group, or to the non-tribal limited entry trip limit for those species if those limits are less restrictive than 300 lb (136 kg) per trip. Limited entry trip limits for waters off Washington are specified in Table 1 (North) to subpart D, and Table 2 (North) to subpart E of this part.

- (4) **Pacific whiting.** Tribal whiting processed at-sea by non-tribal vessels, must be transferred within the tribal U&A from a member of a Pacific Coast treaty Indian tribe fishing under this section.
- (5) **Groundfish without a tribal allocation.** Makah tribal members may use midwater trawl gear to take and retain groundfish for which there is no tribal allocation and will be subject to the trip landing and frequency and size limits applicable to the limited entry fishery.
- (6) **EFH.** Measures implemented to minimize adverse impacts to groundfish EFH, as described in § 660.12 of this subpart, do not apply to tribal fisheries in their U&A fishing areas described at § 660.4, subpart A.
- (7) **Small footrope trawl gear.** Makah tribal members fishing in the bottom trawl fishery may use only small footrope (less than or equal to 8 inches (20.3 cm)) bottom trawl gear.

(h) **Salmon bycatch.** This fishery may be closed through automatic action at § 660.60(d)(1)(v).

[75 FR 60897, Oct. 1, 2010, as amended at 75 FR 75421, Dec. 3, 2010; 75 FR 82300, Dec. 30, 2010; 76 FR 27529, May 11, 2011; 76 FR 28903, May 19, 2011; 77 FR 28507, May 15, 2012; 78 FR 588, Jan. 3, 2013; 78 FR 26532, May 7, 2013; 79 FR 27204, May 13, 2014; 80 FR 12572, Mar. 10, 2015; 80 FR 27593, May 14, 2015; 81 FR 30208, May 16, 2016; 81 FR 36807, June 8, 2016; 82 FR 9639, Feb. 7, 2017; 82 FR 21321, May 8, 2017; 83 FR 22405, May 15, 2018; 83 FR 63991, Dec. 12, 2018; 84 FR 20584, May 10, 2019; 85 FR 36812, June 18, 2020; 85 FR 79893, Dec. 11, 2020; 86 FR 10867, Feb. 23, 2021; 86 FR 32809, June 23, 2021; 87 FR 33441, June 2, 2022; 87 FR 77015, Dec. 16, 2022; 88 FR 34787, May 31, 2023; 88 FR 89315, Dec. 27, 2023; 89 FR 52403, June 24, 2024]

## § 660.55 Allocations.

- (a) **General.** The opportunity to harvest Pacific Coast groundfish is allocated among participants in the fishery when the ACLs for a given year are established in the biennial harvest specifications. For any stock that has been declared overfished, any formal allocation may be temporarily revised for the duration of the rebuilding period. For certain species, primarily trawl-dominant species, separate allocations for the trawl and nontrawl fishery (which for this purpose includes limited entry fixed gear, directed open access, and recreational fisheries) will be established biennially or annually using the standards and procedures described in Chapter 6 of the PCGFMP. Chapter 6 of the PCGFMP provides the allocation structure and

percentages for species allocated between the trawl and nontrawl fisheries. Also, for those species not subject to the trawl and nontrawl allocations specified under Amendment 21 and in paragraph (c)(1) of this section, separate allocations for the limited entry and open access fisheries may be established using the procedures described in Chapters 6 and 11 of the PCGFMP and this subpart. Allocation of sablefish north of 36° N lat. is described in paragraph (h) of this section and in the PCGFMP. Allocation of Pacific whiting is described in paragraph (i) of this section and in the PCGFMP. Allocation of black rockfish is described in paragraph (l) of this section. Allocation of Pacific halibut bycatch is described in paragraph (m) of this section. Allocations not specified in the PCGFMP are established in regulation through the biennial harvest specifications and are listed in Tables 1 a through d and Tables 2 a through d of this subpart.

(b) **Fishery harvest guidelines and reductions made prior to fishery allocations.** Prior to the setting of fishery allocations, the TAC, ACL, or ACT when specified, is reduced by the Pacific Coast treaty Indian Tribal harvest (allocations, set-asides, and estimated harvest under regulations at § 660.50); projected scientific research catch of all groundfish species, estimates of fishing mortality in non-groundfish fisheries; and, as necessary, deductions to account for unforeseen catch events and deductions for EFPs. Deductions are listed in the footnotes of Tables 1a and 2a of subpart C of this part. The remaining amount after these deductions is the fishery harvest guideline or quota. (Note: recreational estimates are not deducted here.)

- (1) Pacific Coast treaty Indian tribal allocations, set-asides, and regulations are specified during the biennial harvest specifications process and are found at § 660.50 and in Tables 1a and 2a of this subpart.
- (2) Scientific research catch results from scientific research activity as defined in regulations at § 600.10.
- (3) Estimates of fishing mortality in non-groundfish fisheries are based on historical catch and projected fishing activities.
- (4) EFPs are authorized and governed by regulations at §§ 660.60(f) and 600.745.

(c) **Trawl/nontrawl allocations.**

- (1) Species/species groups and areas allocated between the trawl and non-trawl fisheries are allocated based on the amounts and percentages in the table below. IFQ species not listed in the table below are allocated between the trawl and nontrawl fisheries through the biennial harvest specifications process.

Table 1 to Paragraph (c)(1)—Allocation Amounts and Percentages for Limited Entry Trawl and Non-Trawl Sectors Specified for FMP Groundfish Stocks and Stock Complexes

Stock or complex	All non-treaty LE trawl sectors	All non-treaty non-trawl sectors
Arrowtooth Flounder	95%	5%
Chilipepper Rockfish S of 40°10' N lat	75%	25%
Darkblotched Rockfish	95%	5%
Dover Sole	95%	5%
English Sole	95%	5%

Stock or complex	All non-treaty LE trawl sectors	All non-treaty non-trawl sectors
Lingcod N of 40°10' N lat	45%	55%
Longspine Thornyhead N of 34°27' N lat	95%	5%
Pacific Cod	95%	5%
Pacific Ocean Perch	95%	5%
Sablefish S of 36° N lat	42%	58%
Shortspine Thornyhead N of 34°27' N lat	95%	5%
Shortspine Thornyhead S of 34°27' N lat	50 mt	Remaining Yield
Splitnose Rockfish S of 40°10' N lat	95%	5%
Starry Flounder	50%	50%
Yellowtail Rockfish N of 40°10' N lat	88%	12%
Minor Slope Rockfish North of 40°10' N lat	81%	19%
Other Flatfish	90%	10%

(i) **Trawl fishery allocation.** The allocation for the limited entry trawl fishery is derived by applying the trawl allocation amounts and percentages as specified in paragraph (c) of this section and as specified during the biennial harvest specifications process to the fishery harvest guideline for species/species groups and areas. For IFQ species the trawl allocation is further subdivided within each of the trawl sectors (MS, C/P, and IFQ) as specified in § 660.140, 660.150, and 660.160 of subpart D. The whiting allocation is further subdivided among the trawl sectors as specified in paragraph (c)(1)(i) of this section.

(ii) **Nontrawl fishery allocation.** For each species/species group and area, the nontrawl fishery allocation is derived by subtracting from the corresponding harvest guideline the trawl allocations specified in paragraph (c) of this section and during the biennial harvest specifications. The nontrawl allocation will be shared between the limited entry fixed gear, open access, and recreational fisheries as specified through the biennial harvest specifications process and consistent with allocations in the PCGFMP.

(2) [Reserved]

(d) **Commercial harvest guidelines.** To derive the commercial harvest guideline, the fishery harvest guideline is further reduced by the recreational set-asides. The commercial harvest guideline is then allocated between the limited entry fishery (both trawl and fixed gear) and the directed open access fishery, as appropriate.

(e) **Limited entry (LE)/open access (OA) allocations –**

(1) **LE/OA allocation percentages.** The allocations between the limited entry and open access fisheries are based on standards from the PCGFMP.

(2) **Species with LE/OA allocations.** For species with LE/OA allocations that are not subject to Amendment 21 allocations, the allocation between the limited entry (both trawl and fixed gear) and the open access fisheries is determined by applying the percentage for those species with a LE/OA allocation to the commercial harvest guideline plus the amount set-aside for the non-groundfish fisheries.

- (i) **Limited entry allocation.** The allocation for the limited entry fishery is the commercial harvest guideline minus any allocation to the directed open access fishery.
- (ii) **Open access allocation.** The allocation for the open access fishery is derived by applying the open access allocation percentage to the annual commercial harvest guideline or quota plus the non-groundfish fishery (*i.e.*, incidental open access fishery) amount described in paragraph (b) of this section. The result is the total open access allocation. The portion that is set-aside for the non-groundfish fisheries is deducted and the remainder is the directed open access portion. For management areas or stocks for which quotas or harvest guidelines for a stock are not fully utilized, no separate allocation will be established for the open access fishery until it is projected that the allowable catch for a species will be reached.

(A) **Open access allocation percentage.** For each species with a harvest guideline or quota, the initial open access allocation percentage is calculated by:

- (1) Computing the total catch for that species during the window period (July 11, 1984 through August 1, 1988) for the limited entry program by any vessel that did not initially receive a limited entry permit.
- (2) Dividing that amount by the total catch during the window period by all gear.
- (3) The guidelines in this paragraph apply to recalculation of the open access allocation percentage. Any recalculated allocation percentage will be used in calculating the following biennial fishing period's open access allocation.

(B) [Reserved]

(f) **Catch accounting.** Catch accounting refers to how the catch in a fishery is monitored against the allocations described in this section. For species with trawl/nontrawl allocations, catch of those species are counted against the trawl/nontrawl allocations as explained in paragraph (f)(1) of this section. For species with limited entry/open access allocations in a given biennial cycle, catch of those species are counted against the limited entry/open access allocations as explained in paragraph (f)(1)(ii) of this section.

(1) **Between the trawl and nontrawl fisheries –**

- (i) **Catch accounting for the trawl allocation.** Any groundfish caught by a vessel registered to a limited entry trawl-endorsement permit will be counted against the trawl allocation while they are declared in to a groundfish limited entry trawl fishery and while the applicable trawl fishery listed in subpart D of this part for that vessel's limited entry permit is open.
- (ii) **Catch accounting for the nontrawl allocation.** All groundfish caught by a vessel not registered to a limited entry permit and not fishing in the non-groundfish fishery will be counted against the nontrawl allocation. All groundfish caught by a vessel registered to a limited entry permit when the fishery for a vessel's limited entry permit has closed or they are not declared in to a limited entry fishery, will be counted against the nontrawl allocation, unless they are declared in to a non-groundfish fishery. Catch by vessels fishing in the non-groundfish fishery, as defined at § 660.11, will be accounted for in the estimated mortality in the non-groundfish fishery that is deducted from the ACL or ACT when specified.

(2) [Reserved]



- (g) **Recreational fisheries.** Recreational fishing for groundfish is outside the scope of, and not affected by, the regulations governing limited entry and open access fisheries. Certain amounts of groundfish will be set aside for the recreational fishery during the biennial specifications process. These amounts will be estimated prior to dividing the commercial harvest guideline between the limited entry and open access fisheries.
- (h) **Sablefish Allocations (north of 36° N. lat.).** The allocations of sablefish north of 36° N. lat. described in paragraph (h) of this section are specified in Chapter 6 of the PCGFMP.
- (1) **Tribal/nontribal allocation.** The sablefish allocation to Pacific coast treaty Indian tribes is identified at § 660.50(f)(2). The remainder is available to the nontribal fishery (limited entry, open access (directed and incidental), and research).
  - (2) **Between the limited entry and open access fisheries.** The allocation of sablefish after tribal deductions is further reduced by the estimated total mortality of sablefish in research and recreational fisheries; the remaining yield (commercial harvest guideline) is divided between open access and limited entry fisheries. The limited entry fishery allocation is 90.6 percent of the commercial harvest guideline. The open access allocation is 9.4 percent of the commercial harvest guideline and includes incidental catch in non-groundfish fisheries, or incidental open access.
  - (3) **Between the limited entry trawl and limited entry fixed gear fisheries.** The limited entry sablefish allocation is further allocated 58 percent to the trawl fishery and 42 percent to the limited entry fixed gear (longline and pot/trap) fishery.
  - (4) **Between the limited entry fixed gear primary season and daily trip limit fisheries.** Within the limited entry fixed gear fishery allocation, 85 percent is reserved for the primary season described in § 660.231, subpart E, leaving 15 percent for the limited entry daily trip limit fishery described in § 660.232, subpart E.
  - (5) **Ratios between tiers for sablefish-endorsed limited entry permits.** The Regional Administrator will biennially or annually calculate the size of the cumulative trip limit for each of the three tiers associated with the sablefish endorsement such that the ratio of limits between the tiers is approximately 1:1.75:3.85 for Tier 3:Tier 2:Tier 1, respectively. The size of the cumulative trip limits will vary depending on the amount of sablefish available for the primary fishery and on estimated discard mortality rates within the fishery. The size of the cumulative trip limits for the three tiers in the primary fishery will be announced in § 660.231(b)(3), subpart E.
- (i) **Pacific whiting allocation.** The allocation structure and percentages for Pacific whiting are described in the PCGFMP.
- (1) Annual treaty tribal Pacific whiting allocations are provided in § 660.50, subpart C.
  - (2) The fishery harvest guideline for Pacific whiting is allocated among three sectors, as follows: 34 percent for the C/P Co-op Program; 24 percent for the MS Co-op Program; and 42 percent for the Shore based IFQ Program. No more than 5 percent of the Shore based IFQ Program allocation may be taken and retained south of 42° N. lat. before the start of the primary Pacific whiting season north of 42° N. lat. Specific sector allocations for a given calendar year are found in Tables 1a through c and 2a through c of this subpart. Set-asides for other species for the at-sea whiting fishery for a given calendar year are found in Tables 1D and 2D of this subpart.

- (j) **Fishery set-asides.** Annual set-asides are not formal allocations but they are amounts which are not available to the other fisheries during the fishing year. For Pacific Coast treaty Indian fisheries, set-asides will be deducted from the TAC, OY, ACL, or ACT when specified. For the catcher/processor and mothership sectors of the at-sea Pacific whiting fishery, set-asides will be deducted from the limited entry trawl fishery allocation. Set-aside amounts may be adjusted through the biennial harvest specifications and management measures process.
- (k) [Reserved]
- (l) **Black rockfish harvest guideline.** The commercial tribal harvest guideline for black rockfish off Washington State is specified at § 660.50(f)(1), subpart C.
- (m) **Pacific halibut bycatch allocation.** The Pacific halibut fishery off Washington, Oregon and California (Area 2A in the halibut regulations) is managed under regulations at 50 CFR part 300, subpart E. The PCGFMP sets the trawl bycatch mortality limit at 15 percent of the Area 2A total constant exploitation yield (TCEY) for legal size halibut (net weight), not to exceed 130,000 pounds annually for legal size halibut (net weight) for 2012 through 2014 and, beginning in 2015, not to exceed 100,000 pounds annually for legal size halibut (net weight). The TCEY used for these calculations will be the best estimate of the TCEY available from the International Pacific Halibut Commission at the time of the calculation. For the purpose of this paragraph, the term "legal sized" halibut refers to halibut with a total length of 32 inches and above, or O32, and the term "sublegal sized" halibut refers to halibut under 32 inches in total length, or U32. To determine the trawl bycatch mortality limit, the pounds of halibut available to the trawl fleet will be expanded from the legal sized halibut mortality (net weight) to a round weight legal and sublegal sized amount. To convert from net weight to round weight, multiply by the conversion factor used by the International Pacific Halibut Commission at the time of calculation for net weight to round weight. To convert from legal sized halibut to legal and sublegal sized halibut, multiply by the conversion factor from the NMFS trawl fishery bycatch report as reported to the International Pacific Halibut Commission at the time of calculation for legal sized to legal and sublegal sized halibut. The bycatch allocation percent can be adjusted downward or upward through the biennial specifications and management measures process but the upper bound on the maximum pounds of allocation can only be changed through an FMP amendment. Part of the overall total mortality limit is a set-aside of 10 mt of Pacific halibut (legal and sublegal, round weight), to accommodate bycatch in the at-sea Pacific whiting fishery and in the shorebased trawl fishery south of 40°10' N. lat. (estimated to be approximately 5 mt each). This set-aside can be adjusted through the biennial specifications and management measures process.

[75 FR 60897, Oct. 1, 2010, as amended at 75 FR 78382, Dec. 15, 2010; 75 FR 82300, Dec. 30, 2010; 76 FR 27529, May 11, 2011; 76 FR 53835, Aug. 30, 2011; 76 FR 74737, Dec. 1, 2011; 77 FR 28507, May 15, 2012; 78 FR 588, Jan. 3, 2013; 80 FR 77270, Dec. 14, 2015; 81 FR 84428, Nov. 23, 2016; 82 FR 9639, Feb. 7, 2017; 83 FR 759, Jan. 8, 2018; 83 FR 63991, Dec. 12, 2018; 84 FR 68805, Dec. 17, 2019; 87 FR 77015, Dec. 16, 2022; 88 FR 81358, Nov. 22, 2023]

## § 660.60 Specifications and management measures.

- (a) **General.** NMFS will establish and adjust specifications and management measures biennially or annually and during the fishing year. Management of the Pacific Coast groundfish fishery will be conducted consistent with the standards and procedures in the PCGFMP and other applicable law. The PCGFMP is available from the Regional Administrator or the Council. Regulations under this subpart may be promulgated, removed, or revised during the fishing year. Any such action will be made according to the framework standards and procedures in the PCGFMP and other applicable law, and will be published in the FEDERAL REGISTER.

- (b) **Biennial actions.** The Pacific Coast Groundfish fishery is managed on a biennial, calendar year basis. Harvest specifications and management measures will be announced biennially, with the harvest specifications for each species or species group set for two sequential calendar years. In general, management measures are designed to achieve, but not exceed, the specifications, particularly optimum yields (harvest guidelines and quotas), fishery harvest guidelines, commercial harvest guidelines and quotas, limited entry and open access allocations, or other approved fishery allocations, and to protect overfished and depleted stocks. Management measures will be designed to take into account the co-occurrence ratios of target species with overfished species, and will select measures that will minimize bycatch to the extent practicable.
- (1) Except for Pacific whiting, every biennium, NMFS will implement OFLs, ABCs, and ACLs, if applicable, for each species or species group based on the harvest controls used in the previous biennium (referred to as default harvest control rules) applied to the best available scientific information. The default harvest control rules for each species or species group are listed in Appendix F to the PCGFMP and the biennial SAFE document. NMFS may implement OFLs, ABCs, and ACLs, if applicable, that vary from the default harvest control rules based on a Council recommendation.
- (2) [Reserved]
- (c) **Routine management measures.** Catch restrictions that are likely to be adjusted on a biennial or more frequent basis may be imposed and announced by a single notification in the FEDERAL REGISTER if good cause exists under the Administrative Procedure Act (APA) to waive notice and comment, and if they have been designated as routine through the two-meeting process described in the PCGFMP. Routine management measures that may be revised during the fishing year, via this process, are implemented in paragraph (h) of this section, and in subparts C through G of this part, including Tables 1a through 1c, and 2a through 2c to subpart C of this part, Tables 1 (North) and 1 (South) of subpart D of this part, Tables 2 (North) and 2 (South) of subpart E of this part, and Tables 3 (North) and 3 (South) of subpart F of this part. Most trip, bag, and size limits, and some Groundfish Conservation Area closures in the groundfish fishery have been designated “routine,” which means they may be changed rapidly after a single Council meeting. Council meetings are held in the months of March, April, June, September, and November. Inseason changes to routine management measures are announced in the FEDERAL REGISTER pursuant to the requirements of the APA. Changes to trip limits are effective at the times stated in the FEDERAL REGISTER. Once a trip limit change is effective, it is illegal to take and retain, possess, or land more fish than allowed under the new trip limit. This means that, unless otherwise announced in the FEDERAL REGISTER, offloading must begin before the time a fishery closes or a more restrictive trip limit takes effect. The following catch restrictions have been designated as routine:
- (1) **Commercial Limited Entry and Open Access Fisheries** –
- (i) **Trip landing and frequency limits, size limits, all gear.** Trip landing and frequency limits have been designated as routine for the following species or species groups: Widow rockfish, canary rockfish, yellowtail rockfish, Pacific ocean perch, yelloweye rockfish, black rockfish, blue/deacon rockfish, splitnose rockfish, blackgill rockfish in the area south of 40°10' N. lat., chilipepper, bocaccio, cowcod, Minor Nearshore Rockfish or shallow and deeper Minor Nearshore Rockfish, shelf or Minor Shelf Rockfish, and Minor Slope Rockfish; Dover sole, sablefish, shortspine thornyheads, and longspine thornyheads; petrale sole, rex sole, arrowtooth flounder, Pacific sanddabs, big skate, and the Other Flatfish complex, which is composed of those species plus any other flatfish species listed at § 660.11; Pacific whiting; lingcod; Pacific cod; spiny dogfish; longnose skate; cabezon in Oregon and California and “Other Fish” as defined at § 660.11. In addition to the species and species groups listed above, sub-limits or

aggregate limits may be specified, specific to the Shorebased IFQ Program, for the following species: Big skate, California skate, California scorpionfish, leopard shark, soupfin shark, finescale codling, Pacific rattail (grenadier), ratfish, kelp greenling, shortbelly rockfish, and cabezon in Washington. Size limits have been designated as routine for sablefish and lingcod. Trip landing and frequency limits and size limits for species with those limits designated as routine may be imposed or adjusted on a biennial or more frequent basis for the purpose of keeping landings within the harvest levels announced by NMFS, and for the other purposes given in paragraphs (c)(1)(i)(A) and (B) of this section.

- (ii) **Differential trip landing limits and frequency limits based on gear type, closed seasons, and bycatch limits.** Trip landing and frequency limits that differ by gear type and closed seasons may be imposed or adjusted on a biennial or more frequent basis for the purpose of rebuilding and protecting overfished or depleted stocks.
  - (iii) **Type of limited entry trawl gear on board.** Limits on the type of limited entry trawl gear on board a vessel may be imposed on a biennial or more frequent basis. Requirements and restrictions on limited entry trawl gear type are found at § 660.130(b).
  - (iv) **List of IFQ species documented on Observer Program reporting form.** As specified at § 660.140(h)(1)(i), to be exempt from observer coverage while docked in port depends on documentation of specified retained IFQ species on the Observer Program reporting form. The list of IFQ species documented on the Observer Program form may be modified on a biennial or more frequent basis under routine management measures § 660.60(c)(1).
  - (v) **Shorebased IFQ Program surplus carryover percentage.** As specified at § 660.140(e)(5)(i), a percentage of surplus QP or IBQ pounds in a vessel account may be carried over from one year to the next. The percentage of surplus QP or IBQ pounds, that may be carried over may be modified on a biennial or more frequent basis, and may not be higher than 10 percent.
- (2) **Recreational fisheries all gear types.** Routine management measures for all groundfish species, separately or in any combination, include bag limits, size limits, time/area closures, boat limits, hook limits, and dressing requirements. All routine management measures on recreational fisheries are intended to keep landings within the harvest levels announced by NMFS, to rebuild and protect overfished or depleted species, and to maintain consistency with State regulations, and for the other purposes set forth in this section.
- (i) **Bag limits.** To spread the available catch over a large number of anglers; to protect and rebuild overfished species; to avoid waste.
  - (ii) **Size limits.** To protect juvenile fish; to protect and rebuild overfished species; to enhance the quality of the recreational fishing experience.
  - (iii) **Season duration restrictions.** To spread the available catch over a large number of anglers; to protect and rebuild overfished species; to avoid waste; to enhance the quality of the recreational fishing experience.
- (3) **All fisheries, all gear types –**
- (i) **Depth-based management measures.** Depth-based management measures, particularly closed areas known as Groundfish Conservation Areas, defined in § 660.11, include RCAs, BRAs, and BACs, and may be implemented in any fishery sector and/or for any gear type that takes groundfish directly or incidentally. Depth-based management measures are set using specific

boundary lines that approximate depth contours with latitude/longitude waypoints found at §§ 660.70 through 660.74 and 660.76 or the EEZ. Depth-based management measures and closed areas may be used for the following conservation objectives: To protect and rebuild overfished or rebuilding stocks; to prevent the overfishing of any groundfish species by minimizing the direct or incidental catch of that species; or to minimize the incidental harvest of any protected or prohibited species taken in the groundfish fishery. Depth-based management measures and closed areas may be used for the following economic objectives: To extend the fishing season; for the commercial fisheries, to minimize disruption of traditional fishing and marketing patterns; for the recreational fisheries, to spread the available catch over a large number of anglers; to discourage target fishing while allowing small incidental catches to be landed; and to allow small fisheries to operate outside the normal season.

- (A) **Rockfish Conservation Areas.** RCAs, as defined at sect; 660.11, may be modified as routine action for vessels using trawl gear (off Washington), non-trawl gear (coastwide), or recreational gear (coastwide) consistent with the purposes described in this paragraph (c)(3)(i).
  - (B) **Bycatch Reduction Areas.** BRAs may be implemented through automatic action in the Pacific whiting fishery consistent with paragraph (d)(1) of this section. BRAs may be implemented as routine management measures for vessels using midwater groundfish trawl gear consistent with the purposes described in this paragraph (c)(3)(i).
  - (C) **Block Area Closures.** BACs, as defined at § 660.11, may be closed or reopened, in the EEZ off Washington, Oregon, and California, for vessels taking and retaining groundfish using any gear (trawl or non-trawl) in the EEZ consistent with the purposes described in this paragraph (c)(3)(i).
- (ii) **Non-tribal deductions from the ACL.** Changes to the non-tribal amounts deducted from the TAC, ACLs, or ACT when specified, described at § 660.55(b)(2) through (4) and specified in the footnotes to Tables 1a through 1c, and 2a through 2c, to subpart C, have been designated as routine to make fish that would otherwise go unharvested available to other fisheries during the fishing year. Adjustments may be made to provide additional harvest opportunities in groundfish fisheries when catch in scientific research activities, non-groundfish fisheries, and EFPs are lower than the amounts that were initially deducted off the TAC, ACL, or ACT when specified, during the biennial specifications or to allocate yield from the deduction to account for unforeseen catch events to groundfish fisheries. When recommending adjustments to the non-tribal deductions, the Council shall consider the allocation framework criteria outlined in the PCGFMP and the objectives to maintain or extend fishing and marketing opportunities taking into account the best available fishery information on sector needs.
- (4) **Inseason action for canary rockfish, yelloweye rockfish, and black rockfish in California State-Specific Federal Harvest Limits outside of a Council meeting.** The Regional Administrator, NMFS West Coast Region, after consultation with the Chairman of the Pacific Fishery Management Council and the Fishery Director of the California Department of Fish and Wildlife, or their designees, is authorized to modify the following designated routine management measures for canary rockfish, yelloweye rockfish, and black rockfish off the coast of California. For black rockfish in commercial fisheries trip landing and frequency limits; and depth based management measures. For black, canary, and yelloweye rockfish in recreational fisheries bag limits; time/area closures; depth based management. Any modifications may be made only after NMFS has determined that a California state-specific

federal harvest limit for canary rockfish, yelloweye rockfish, or black rockfish, is attained or projected to be attained prior to the first day of the next Council meeting. Any modifications may only be used to restrict catch of canary rockfish, yelloweye rockfish, or black rockfish off the coast of California.

(d) **Automatic actions.** The NMFS Regional Administrator or designee will initiate automatic management actions without prior public notice, opportunity to comment, or a Council meeting. These actions are nondiscretionary, and the impacts must have been taken into account prior to the action. Unless otherwise stated, a single notice will be published in the FEDERAL REGISTER making the action effective if good cause exists under the APA to waive notice and comment.

(1) Automatic actions will be initiated in the following circumstances:

- (i) Close the MS or C/P sector when that sector's Pacific whiting allocation is reached, or is projected to be reached. The MS sector non-coop fishery will be closed by automatic action when the Pacific whiting or non-whiting allocation to the non-coop fishery has been reached or is projected to be reached.
- (ii) Close one or both MS and C/P sectors when a non-whiting groundfish species with allocations is reached or projected to be reached.
- (iii) Reapportion the unused portion of the tribal allocation of Pacific whiting to the MS sector, C/P sector, and Shorebased IFQ sector.
- (iv) Close the following groundfish fisheries, not including Pacific Coast treaty Indian fisheries, when conditions for Chinook salmon bycatch described in this table and paragraphs (d)(1)(iv)(A) and (B) of this section are met:

Table 1 to Paragraph (d)(1)(iv)

Close:	If Chinook salmon bycatch, as described in § 660.60(i)(2), exceeds:	And:
Whiting sector (Pacific whiting IFQ fishery, MS Co-op Program and/or C/P Co-op Program)	11,000 fish in the whiting sector	(1) A routine management measure specified at § 660.60(c) has not been implemented as described in § 660.60(i)(1) OR (2) The non-whiting sector has caught its 5,500 Chinook salmon bycatch guideline and 3,500 Chinook salmon from the bycatch reserve.
Whiting sector (Pacific whiting IFQ fishery, MS Co-op Program and C/P Co-op Program)	14,500 fish in the whiting sector	The non-whiting sector has not accessed the Chinook salmon bycatch reserve.
Non-whiting sector (midwater trawl, bottom trawl, and fixed gear fisheries under the Shorebased IFQ Program,	5,500 fish in the non-whiting	(1) A routine management measure specified at § 660.60(c) has not been implemented as described in § 660.60(i)(1)

Close:	If Chinook salmon bycatch, as described in § 660.60(i)(2), exceeds:	And:
limited entry fixed gear fisheries, open access fisheries, and recreational fisheries subject to this provision as set out in § 660.360(d)	sector	OR (2) The whiting sector has caught its 11,000 Chinook salmon guideline and 3,500 Chinook salmon from the bycatch reserve.
Non-whiting sector (midwater trawl, bottom trawl, and fixed gear fisheries under the Shorebased IFQ Program, limited entry fixed gear fisheries, open access fisheries, and recreational fisheries subject to this provision as set out in § 660.360(d))	9,000 fish in the non-whiting sector	The whiting sector has not accessed the Chinook salmon bycatch reserve.
Non-whiting trawl fisheries (midwater trawl and bottom trawl fisheries under the Shorebased IFQ Program)	8,500 fish in the non-whiting sector	
All trawl fisheries (whiting sector and non-whiting trawl fisheries)	19,500 fish in the whiting and non-whiting sector	

- (A) Consistent with § 660.60(i)(2), each component of the whiting sector (Pacific whiting IFQ fishery, MS Co-op Program and C/P Co-op Program) will be closed when Chinook salmon bycatch exceeds 11,000 Chinook salmon if a routine management measure specified at § 660.60(c) has not been implemented as described in § 660.60(i)(2) for that individual component of the whiting sector.
- (B) Consistent with § 660.60(i)(2), the Chinook salmon closure at 11,000 fish does not apply to those whiting sector vessels that are parties to an approved Salmon Mitigation Plan, as specified at § 660.113(e), unless the non-whiting sector has caught the entire 3,500 Chinook salmon bycatch reserve.
- (v) Close all groundfish fisheries, including Pacific Coast treaty Indian fisheries, if Chinook salmon bycatch in the groundfish fishery exceeds 20,000 fish.
- (vi) Implement BRAs, described at § 660.131, when NMFS projects a sector-specific allocation will be reached before the sector's whiting allocation.

- (2) Automatic actions are effective when actual notice is sent by NMFS identifying the effective time and date. Actual notice to fishers and processors will be by email, internet (<https://www.fisheries.noaa.gov/region/west-coast>), phone, letter, or press release. Allocation reapportionments will be followed by publication in the FEDERAL REGISTER, in which public comment will be sought for a reasonable period of time thereafter.
- (e) [Reserved]
- (f) **Exempted fishing permits (EFP).**
  - (1) The Regional Administrator may issue EFPs under regulations at § 660.30, subpart C, for compensation with fish for collecting resource information. Such EFPs may include the collecting of scientific samples of groundfish species that would otherwise be prohibited for retention.
  - (2) The Regional Administrator may also issue EFPs under regulations at 50 CFR part § 600.745 for limited testing, public display, data collection, exploratory, health and safety, environmental cleanup, and/or hazard removal purposes, the target or incidental harvest of species managed under an FMP or fishery regulations that would otherwise be prohibited.
  - (3) U.S. vessels operating under an EFP are subject to restrictions in subparts C through G of this part unless otherwise provided in the permit.
- (g) **Applicability.** Groundfish species harvested in the territorial sea (0-3 nm) will be counted toward the catch limitations in Tables 1a through 2d of this subpart, and those specified in subparts D through G, including Tables 1 (North) and 1 (South) of subpart D, Tables 2 (North) and 2 (South) of subpart E, Tables 3 (North) and 3 (South) of subpart F.
- (h) **Fishery restrictions –**
  - (1) **Commercial trip limits and recreational bag and boat limits.** Commercial trip limits and recreational bag and boat limits defined in Tables 1a through 2d of this subpart, and those specified in subparts D through G of this part, including Tables 1 (North) and 1 (South) of subpart D, Tables 2 (North) and 2 (South) of subpart E, Tables 3 (North) and 3 (South) of subpart F must not be exceeded.
  - (2) **Landing.** As stated at § 660.11 (in the definition of “Land or landing”), once the offloading of any species begins, all fish aboard the vessel are counted as part of the landing and must be reported as such. All fish from a landing must be removed from the vessel before a new fishing trip begins, except for processing vessels fishing in the catcher/processor or mothership sectors of the Pacific whiting fishery. Transfer of fish at sea is prohibited under § 660.12, unless a vessel is participating in the primary whiting fishery as part of the mothership or catcher/processor sectors, as described at § 660.131(a). Catcher vessels in the mothership sector must transfer all catch from a haul to the same vessel registered to an MS permit prior to the gear being set for a subsequent haul. Catch may not be transferred to a tender vessel.
  - (3) **Fishing ahead.** Unless the fishery is closed, a vessel that has landed its cumulative or daily limit may continue to fish on the limit for the next legal period, so long as no fish (including, but not limited to, groundfish with no trip limits, shrimp, prawns, or other nongroundfish species or shellfish) are landed (offloaded) until the next legal period. Fishing ahead is not allowed during or before a closed period.
  - (4) **Weights and percentages.** All weights are round weights or round-weight equivalents unless otherwise specified. Percentages are based on round weights, and, unless otherwise specified, apply only to legal fish on board.



(5) *Size limits, length measurement, and weight conversions* –

- (i) **Length measurement.** Unless otherwise specified, size limits in the commercial and recreational groundfish fisheries apply to the “total length,” which is the longest measurement of the fish without mutilation of the fish or the use of force to extend the length of the fish. No fish with a size limit may be retained if it is in such condition that its length has been extended or cannot be determined by these methods. For conversions not listed here, contact the state where the fish will be landed. Washington state regulations require all fish with a size limit landed into Washington to be landed with the head on.
- (A) **Whole fish.** For a whole fish, total length is measured from the tip of the snout (mouth closed) to the tip of the tail in a natural, relaxed position.
- (B) **“Headed” fish.** For a fish with the head removed (“headed”), the length is measured from the origin of the first dorsal fin (where the front dorsal fin meets the dorsal surface of the body closest to the head) to the tip of the upper lobe of the tail; the dorsal fin and tail must be left intact.
- (C) **Filets.** A filet is the flesh from one side of a fish extending from the head to the tail, which has been removed from the body (head, tail, and backbone) in a single continuous piece. Filet lengths may be subject to size limits for some groundfish taken in the recreational fishery off California (see subpart G of this part). A filet is measured along the length of the longest part of the filet in a relaxed position; stretching or otherwise manipulating the filet to increase its length is not permitted.
- (ii) **Weight conversions and size limits.** To determine the round weight, multiply the processed weight times the conversion factor. Federal commercial groundfish regulations do not supersede more restrictive state commercial groundfish regulations, including landings requirements regarding groundfish species or the condition in which they may be landed.
- (A) Limited entry fixed gear or open access fisheries. The weight limit conversion factor established by the state where the fish is or will be landed will be used to convert the processed weight to round weight for purposes of applying the trip limit or other allocation. Weight conversions provided herein are those conversions currently in use by the States of Washington, Oregon, and California and may be subject to change by those states. Fishery participants should contact fishery enforcement officials in the state where the fish will be landed to determine that state's official conversion factor.
- (1) **Sablefish.** The following conversion applies to both the limited entry fixed gear and open access fisheries when trip limits are in effect for those fisheries. For headed and gutted (eviscerated) sablefish the weight conversion factor is 1.6 (multiply the headed and gutted weight by 1.6 to determine the round weight).
- (2) **Lingcod.** The following conversions apply in both limited entry fixed gear and open access fisheries.
- (i) North of 42° N. lat., for lingcod with the head removed, the minimum size limit is 18 inches (46 cm), which corresponds to 22 inches (56 cm) total length for whole fish.

- (ii) South of 42° N lat., for lingcod with the head removed, the minimum size limit is 18 inches (46 cm), which corresponds to 22 inches (56 cm) total length for whole fish.
    - (iii) The weight conversion factor for headed and gutted lingcod is 1.5. The conversion factor for lingcod that has only been gutted with the head on is 1.1.
  - (B) **Shorebased IFQ Program.** For vessels landing sorted catch, the weight conversions for purposes of applying QP and size limits are provided in paragraphs (h)(5)(ii)(B)(2)(i) through (iii) of this section.
    - (1) **Sablefish.** The weight conversion factor for headed and gutted (eviscerated) sablefish is 1.6.
    - (2) **Lingcod.** The following conversions and size limits apply:
      - (i) The minimum size limit for lingcod North of 42° N. lat. is 22 inches (56 cm) total length for whole fish, which corresponds to 18 inches (46 cm) with the head removed.
      - (ii) The minimum size limit for lingcod South of 42° N lat. is 22 inches (56 cm) total length for whole fish, which corresponds to 18 inches (46 cm) with the head removed.
      - (iii) The weight conversion factor for headed and gutted (eviscerated) lingcod is 1.5; for lingcod that has only been gutted with the head on, the weight conversion factor is 1.1.
    - (3) **Pacific whiting.** For headed and gutted Pacific whiting (head removed just in front of the collar bone and viscera removed,) the weight conversion factor is 1.56; and for headed and gutted Pacific whiting with the tail removed the weight conversion factor is 2.0.
    - (4) **Rockfish (including thornyheads), except POP.** For headed and gutted (eviscerated), the weight conversion factor is 1.75; for headed and gutted, western cut (head removed just in front of the collar bone and viscera removed,) the weight conversion factor is 1.66; for headed and gutted, eastern cut (head removed just behind the collar bone and viscera removed,) the weight conversion factor is 2.0.
    - (5) **Pacific ocean perch (POP).** For headed and gutted (eviscerated), the weight conversion factor is 1.6.
    - (6) **Pacific cod.** For headed and gutted (eviscerated), the weight conversion factor is 1.58.
    - (7) **Dover sole, English sole, and "other flatfish".** For headed and gutted (eviscerated), the weight conversion factor is 1.53.
    - (8) **Petrale sole.** For headed and gutted (eviscerated), the weight conversion factor is 1.51.
    - (9) **Arrowtooth flounder.** For headed and gutted (eviscerated), the weight conversion factor is 1.35.

- (10) **Starry flounder.** For headed and gutted (eviscerated), the weight conversion factor is 1.49.
- (6) **Sorting.** Trawl fishery sorting requirements are specified at § 660.130(d), subpart D. Limited entry fixed gear fishery sorting requirements are specified at § 660.230(c), subpart E, and Open access fishery sorting requirements are specified at § 660.330(c), subpart F.
- (7) **Crossover provisions.** Crossover provisions apply to three activities: Fishing on different sides of a management line, fishing in both the limited entry and open access fisheries, or fishing in both the Shorebased IFQ Program and the limited entry fixed gear fishery. Fishery-specific crossover provisions can be found in subparts D through F of this part.
- (i) **Fishing in management areas with different trip limits.** Trip limits for a species or a species group may differ in different management areas along the coast. The following crossover provisions apply to vessels fishing in different geographical areas that have different cumulative or “per trip” trip limits for the same species or species group, with the following exceptions. Such crossover provisions do not apply to: IFQ species (defined at § 660.140(c), subpart D) for vessels that are declared into the Shorebased IFQ Program (see § 660.13(d)(4)(iv)(A), for valid Shorebased IFQ Program declarations); species that are subject only to daily trip limits; or to trip limits for black rockfish off Washington, as described at §§ 660.230(e) and 660.330(e).
- (A) **Going from a more restrictive to a more liberal area.** If a vessel takes and retains any groundfish species or species group of groundfish in an area where a more restrictive trip limit applies before fishing in an area where a more liberal trip limit (or no trip limit) applies, then that vessel is subject to the more restrictive trip limit for the entire period to which that trip limit applies, no matter where the fish are taken and retained, possessed, or landed.
- (B) **Going from a more liberal to a more restrictive area.** If a vessel takes and retains a groundfish species or species group in an area where a higher trip limit or no trip limit applies, and takes and retains, possesses or lands the same species or species group in an area where a more restrictive trip limit applies, that vessel is subject to the more restrictive trip limit for the entire period to which that trip limit applies, no matter where the fish are taken and retained, possessed, or landed.
- (C) **Fishing in two different areas where a species or species group is managed with different types of trip limits.** During the fishing year, NMFS may implement management measures for a species or species group that set different types of trip limits (for example, per trip limits versus cumulative trip limits) for different areas. If a vessel fishes for a species or species group that is managed with different types of trip limits in two different areas within the same cumulative limit period, then that vessel is subject to the most restrictive overall cumulative limit for that species, regardless of where fishing occurs.
- (D) **Minor rockfish.** Several rockfish species are designated with species-specific limits on one side of the 40°10' N. lat. management line, and are included as part of a minor rockfish complex on the other side of the line. A vessel that takes and retains fish from a minor rockfish complex (nearshore, shelf, or slope) on both sides of a management line during a single cumulative limit period is subject to the more restrictive cumulative limit for that minor rockfish complex during that period.

- (1) If a vessel takes and retains minor slope rockfish north of 40°10' N. lat., that vessel is also permitted to take and retain, possess or land splitnose rockfish up to its cumulative limit south of 40°10' N. lat., even if splitnose rockfish were a part of the landings from minor slope rockfish taken and retained north of 40°10' N. lat.
  - (2) If a vessel takes and retains minor slope rockfish south of 40°10' N. lat., that vessel is also permitted to take and retain, possess or land POP up to its cumulative limit north of 40°10' N. lat., even if POP were a part of the landings from minor slope rockfish taken and retained south of 40°10' N. lat.
- (ii) ***Fishing in both limited entry and open access fisheries –***
- (A) ***Fishing in limited entry and open access fisheries with different trip limits.*** Open access trip limits apply to any fishing conducted with open access gear, even if the vessel has a valid limited entry permit with an endorsement for another type of gear. A vessel that fishes in both the open access and limited entry fisheries is not entitled to two separate trip limits for the same species. If a vessel has a limited entry permit registered to it at any time during the trip limit period and uses open access gear, but the open access limit is smaller than the limited entry limit, the open access limit may not be exceeded and counts toward the limited entry allocation as established under the biennial groundfish harvest specifications. If a vessel has a limited entry permit registered to it at any time during the trip limit period and uses open access gear, but the open access limit is larger than the limited entry limit, the smaller limited entry limit applies, even if taken entirely with open access gear. These provisions do not apply to:
- (1) IFQ species (defined at § 660.140(c)) for vessels that are declared into the Shorebased IFQ Program (see § 660.13(d)(4)(iv)(A)) for valid Shorebased IFQ Program declarations).
  - (2) Vessels with a valid limited entry permit endorsed for longline and/or pot gear fishing inside the nontrawl RCA with stationary vertical jig gear or groundfish troll gear as defined at § 660.320(b)(6). Vessels fishing with one of these two approved hook-and-line gear configurations may fish up to the limited entry fixed gear trip limits in Table 2 (North) and Table 2 (South) of subpart E, either inside or outside the nontrawl RCA. This provision only applies on fishing trips where the vessel made the appropriate declaration (specified at § 660.13(d)(4)(iv)(A)).
- (B) ***Limited entry permit restrictions for vessels fishing in the open access fishery –***
- (1) ***Vessel registered to a limited entry trawl permit.*** To fish with open access gear, defined at § 660.11, a vessel registered to a limited entry trawl permit must make the appropriate fishery declaration, as specified at § 660.13(d)(4)(iv)(A). In addition, a vessel registered to a limited entry trawl permit must remove the permit from their vessel, as specified at § 660.25(b)(4)(vi), unless the vessel will be fishing in the open access fishery under one of the following declarations specified at § 660.13(d):
    - (i) Non-groundfish trawl gear for pink shrimp,
    - (ii) Non-groundfish trawl gear for ridgeback prawn,
    - (iii) Non-groundfish trawl gear for California halibut,
    - (iv) Non-groundfish trawl gear for sea cucumber,

- (v) Open access Dungeness crab pot/trap gear,
- (vi) Open access HMS line gear,
- (vii) Open access salmon troll gear,
- (viii) Open access Coastal Pelagic Species net gear.

- (2) **Vessel registered to a limited entry fixed gear permit(s).** To fish with open access gear, defined at § 660.11, subpart C, a vessel registered to a limit entry fixed gear permit must make the appropriate open access declaration, as specified at § 660.13(d)(4)(iv)(A). Vessels registered to a sablefish-endorsed permit(s) fishing in the sablefish primary season (described at § 660.231, subpart E) may only fish with the gear(s) endorsed on their sablefish-endorsed permit(s) against those limits.
- (3) **Vessel jointly registered to more than one limited entry permit.** Vessels jointly registered (under the provisions at § 660.25(b)(4)(iv)(B)) may fish with open access gear (defined at § 660.11) if they meet the requirements of both paragraphs (h)(7)(ii)(B)(1) and (2) of this section.

(iii) **Fishing in both the Shorebased IFQ Program and the limited entry fixed gear fishery for vessels that are jointly registered.**

- (A) **Fishing in the Shorebased IFQ Program and limited entry fixed gear fishery with different trip limits.** If a vessel fishes in both the Shorebased IFQ Program and the limited entry fixed gear fishery during a cumulative limit period, they are subject to the most restrictive trip limits for non-IFQ species.
- (B) **Fishing in the Shorebased IFQ Program and the limited entry fixed gear sablefish primary fishery with different trip limits.** If a vessel is jointly registered and one or more of the limited entry permits is sablefish endorsed, any sablefish landings made by a vessel declared into the limited entry fixed gear fishery after the start of the sablefish primary fishery count towards the tier limit(s), per regulations at § 660.232(a)(2), subpart E. Any sablefish landings made by a vessel declared into the Shorebased IFQ Program must be covered by quota pounds, per regulations at § 660.112(b), subpart D, and will not count towards the tier limit(s).

(i) **Salmon bycatch management.** Salmon bycatch is managed through routine management measures, salmon bycatch guidelines and a Chinook salmon bycatch reserve, and fisheries closures. For purposes of salmon bycatch management, the groundfish fishery is divided into the whiting sector and non-whiting sector and includes bycatch of Chinook salmon and coho salmon from both non-tribal fisheries and Pacific Coast treaty Indian fisheries. The non-whiting sector includes the Pacific Coast treaty Indian vessels that target Pacific coast groundfish species other than whiting, as well as non-tribal vessels that target Pacific coast groundfish species other than whiting in the midwater trawl, bottom trawl, and fixed gear fisheries under the Shorebased IFQ Program, limited entry fixed gear fisheries, open access fisheries as defined at § 660.11, and recreational fisheries subject to this provision as set out in § 660.360(d). The whiting sector is the Pacific whiting fishery, as defined in § 660.111, and includes the Pacific Coast treaty Indian vessels that target whiting, as well as non-tribal vessels that target whiting participating in the C/P Co-op Program, the MS Co-op Program, and the Pacific whiting IFQ fishery.

- (1) **Routine management measures.** Routine management measures specified at § 660.60(c) may be implemented to minimize Chinook salmon and/or coho salmon bycatch in the groundfish fishery. These measures may include BRAs, BACs, or a selective flatfish trawl gear requirement. These measures would not apply to vessels fishing in Pacific Coast treaty Indian fisheries.
  - (i) **Non-whiting sector.** Routine management measures to manage salmon bycatch in the non-whiting sector include:
    - (A) A BAC for bottom trawl or midwater trawl as specified at § 660.60(c)(3)(i).
    - (B) A BRA for midwater trawl as specified at § 660.60(c)(3)(i).
    - (C) A selective flatfish trawl gear requirement for bottom trawl.
  - (ii) **Whiting sector.** Routine management measures to manage salmon bycatch in the whiting sector include:
    - (A) A BAC as specified at § 660.60(c)(3)(i).
    - (B) A BRA as specified at § 660.60(c)(3)(i).
- (2) **Chinook salmon bycatch guidelines and Chinook salmon bycatch reserve.** The Chinook salmon bycatch guideline for the non-whiting sector is 5,500 fish. The Chinook salmon bycatch guideline for the whiting sector is 11,000 fish. If a sector exceeds its Chinook salmon bycatch guideline, it may access a reserve of 3,500 Chinook salmon reserve provided action has been taken to minimize Chinook salmon bycatch as described in paragraph (i)(2)(i) or (ii) of this section. For bycatch accounting purposes, all Chinook salmon bycatch from the groundfish fishery, including both non-tribal and Pacific Coast treaty Indian fisheries, counts towards the applicable whiting or non-whiting sector bycatch guideline and the reserve.
  - (i) **Reserve access for the non-whiting sector.** The non-whiting sector may only access the reserve if a measure described in paragraph (i)(1)(i) of this section has been implemented.
  - (ii) **Reserve access for the whiting sector.** Each component of the whiting sector (Pacific whiting IFQ fishery, MS Co-op Program and C/P Co-op Program) may only access the reserve if a measure described in paragraph (i)(1)(ii) of this section has been implemented for that component of the whiting fishery. If a measure described in paragraph (i)(1)(ii) of this section has not been implemented for that component of the whiting fishery, vessels within that component that are parties to an approved Salmon Mitigation Plan (SMP), as specified at § 660.113(e), may access the reserve.
- (3) **Fisheries closures.** Groundfish fisheries may be closed through automatic action at § 660.60(d)(1)(iv) and (v).

[75 FR 60897, Oct. 1, 2010, as amended at 75 FR 78382, Dec. 15, 2010; 75 FR 82301, Dec. 30, 2010; 76 FR 27530, May 11, 2011; 76 FR 53835, Aug. 30, 2011; 76 FR 74738, Dec. 1, 2011; 77 FR 28507, May 15, 2012; 78 FR 588, Jan. 3, 2013; 80 FR 12572, Mar. 10, 2015; 80 FR 22285, Apr. 21, 2015; 80 FR 77271, Dec. 14, 2015; 81 FR 84429, Nov. 23, 2016; 82 FR 9639, Feb. 7, 2017; 82 FR 48658, Oct. 19, 2017; 83 FR 760, Jan. 8, 2018; 83 FR 62276, Dec. 3, 2018; 83 FR 63991, Dec. 12, 2018; 84 FR 63973, Nov. 19, 2019; 84 FR 68806, Dec. 17, 2019; 86 FR 10867, Feb. 23, 2021; 88 FR 52048, Aug. 7, 2023; 88 FR 81358, Nov. 22, 2023; 88 FR 83842, Dec. 1, 2023]

## § 660.65 Groundfish harvest specifications.

Harvest specifications include OFLs, ABCs, and the designation of OYs and ACLs. Management measures necessary to keep catch within the ACL include ACTs, harvest guidelines (HGs), or quotas for species that need individual management, and the allocation of fishery HGs between the trawl and nontrawl segments of the fishery, and the allocation of commercial HGs between the open access and limited entry segments of the fishery. These specifications include fish caught in state ocean waters (0-3 nm offshore) as well as fish caught in the EEZ (3-200 nm offshore). Harvest specifications are provided in Tables 1a through 2d of this subpart.

[76 FR 27530, May 11, 2011]

## § 660.70 Groundfish conservation areas.

- (a) **General.** Groundfish conservation area (GCA) is defined in § 660.11. This section defines GCAs whose shapes are not exclusively defined by boundary lines approximating depth contours found in §§ 660.71 through 660.74 or commonly used geographic coordinates at § 660.11. Fishing activity that is prohibited or permitted within a particular GCA is detailed at subparts C through G of part 660.
- (b) **North Coast Recreational Yelloweye Rockfish Conservation Area.** The North Coast Recreational Yelloweye Rockfish Conservation Area (YRCA) is a C-shaped area off the northern Washington coast intended to protect yelloweye rockfish. The North Coast Recreational YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:
- (1) 48°18.00' N. lat.; 125°18.00' W. long.;
  - (2) 48°18.00' N. lat.; 124°59.00' W. long.;
  - (3) 48°11.00' N. lat.; 124°59.00' W. long.;
  - (4) 48°11.00' N. lat.; 125°11.00' W. long.;
  - (5) 48°04.00' N. lat.; 125°11.00' W. long.;
  - (6) 48°04.00' N. lat.; 124°59.00' W. long.;
  - (7) 48°00.00' N. lat.; 124°59.00' W. long.;
  - (8) 48°00.00' N. lat.; 125°18.00' W. long.;
- and connecting back to 48°18.00' N. lat.; 125°18.00' W. long.
- (c) **North Coast Commercial Yelloweye Rockfish Conservation Area.** The North Coast Commercial Yelloweye Rockfish Conservation Area (YRCA) is an area off the northern Washington coast, overlapping the northern part of North Coast Recreational YRCA, intended to protect yelloweye rockfish. The North Coast Commercial YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:
- (1) 48°11.77' N. lat., 125°13.03' W. long.;
  - (2) 48°16.43' N. lat., 125°07.55' W. long.;
  - (3) 48°14.72' N. lat., 125°01.84' W. long.;
  - (4) 48°13.36' N. lat., 125°03.20' W. long.;
  - (5) 48°12.74' N. lat., 125°05.83' W. long.;

(6) 48°11.55' N. lat., 125°04.99' W. long.;

(7) 48°09.96' N. lat., 125°06.63' W. long.;

(8) 48°09.68' N. lat., 125°08.75' W. long.;

and connecting back to 48°11.77' N. lat., 125°13.03' W. long.

(d) **Salmon Troll Yelloweye Rockfish Conservation Area.** The Salmon Troll Yelloweye Rockfish Conservation Area (YRCA) is an area off the northern Washington coast, overlapping the southern part of North Coast Recreational YRCA, intended to protect yelloweye rockfish. The Salmon Troll YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

(1) 48°00.00' N. lat., 125°14.00' W. long.;

(2) 48°02.00' N. lat., 125°14.00' W. long.;

(3) 48°02.00' N. lat., 125°16.50' W. long.;

(4) 48°00.00' N. lat., 125°16.50' W. long.; and connecting back to 48°00.00' N. lat., 125°14.00' W. long.

(e) **South Coast Recreational Yelloweye Rockfish Conservation Area.** The South Coast Recreational Yelloweye Rockfish Conservation Area (YRCA) is an area off the southern Washington coast intended to protect yelloweye rockfish. The South Coast Recreational YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

(1) 46°58.00' N. lat., 124°48.00' W. long.;

(2) 46°55.00' N. lat., 124°48.00' W. long.;

(3) 46°55.00' N. lat., 124°49.00' W. long.;

(4) 46°58.00' N. lat., 124°49.00' W. long.; and connecting back to 46°58.00' N. lat., 124°48.00' W. long.

(f) **Westport Offshore Recreational YRCA.** The Westport Offshore Recreational YRCA is an area off the southern Washington coast intended to protect yelloweye rockfish. The Westport Recreational YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

(1) 46°54.30' N. lat., 124°53.40' W. long.;

(2) 46°54.30' N. lat., 124°51.00' W. long.;

(3) 46°53.30' N. lat., 124°51.00' W. long.;

(4) 46°53.30' N. lat., 124°53.40' W. long.; and connecting back to 46°54.30' N. lat., 124°53.40' W. long.

(g) **Tillamook YRCA.** The Tillamook YRCA is an area off northern Oregon intended to protect yelloweye rockfish. The Tillamook YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

(1) 45°40.96' N lat.; 124°27.52' W long.;

(2) 45°40.96' N lat.; 124°19.99' W long.;

(3) 45°34.44' N lat.; 124°14.48' W long.;

(4) 45°31.93' N lat.; 124°14.05' W long.;



(5) 45°31.84' N lat.; 124°22.04' W long.;

(6) 45°36.95' N lat.; 124°24.45' W long.;

(7) 45°38.89' N lat.; 124°25.92' W long.; and connecting back to 45°40.96' N lat.; 124°27.52' W long.

(h) **Newport YRCA.** The Newport YRCA is an area off central Oregon intended to protect yelloweye rockfish. The Newport YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

(1) 44°46.00' N lat.; 124°32.57' W long.;

(2) 44°46.00' N lat.; 124°32.00' W long.;

(3) 44°42.00' N lat.; 124°30.00' W long.;

(4) 44°39.00' N lat.; 124°30.00' W long.;

(5) 44°39.00' N lat.; 124°34.00' W long.;

(6) 44°43.16' N lat.; 124°34.00' W long.;

(7) 44°44.54' N lat.; 124°33.58' W long.; and connecting back to 44°46.00' N lat.; 124°32.57' W long.

(i) **Stonewall Bank Yelloweye Rockfish Conservation Area.** The Stonewall Bank YRCA is an area off central Oregon, near Stonewall Bank, intended to protect yelloweye rockfish. The Stonewall Bank YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

(1) 44°37.46' N lat.; 124°24.92' W long.;

(2) 44°37.46' N lat.; 124°23.63' W long.;

(3) 44°28.71' N lat.; 124°21.80' W long.;

(4) 44°28.71' N lat.; 124°24.10' W long.;

(5) 44°31.42' N lat.; 124°25.47' W long.; and connecting back to 44°37.46' N lat.; 124°24.92' W long.

(j) **Stonewall Bank Yelloweye Rockfish Conservation Area, Expansion 1.** The Stonewall Bank Yelloweye Rockfish Conservation Area (YRCA) Expansion 1 is an area off central Oregon, near Stonewall Bank, intended to protect yelloweye rockfish. The Stonewall Bank YRCA Expansion 1 is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

(1) 44°41.76' N lat.; 124°30.02' W long.;

(2) 44°41.73' N lat.; 124°21.60' W long.;

(3) 44°25.25' N lat.; 124°16.94' W long.;

(4) 44°25.29' N lat.; 124°30.14' W long.;

(5) 44°41.76' N lat.; 124°30.02' W long.; and connecting back to 44°41.76' N lat.; 124°30.02' W long.

(k) **Stonewall Bank Yelloweye Rockfish Conservation Area, Expansion 2.** The Stonewall Bank Yelloweye Rockfish Conservation Area (YRCA) Expansion 2 is an area off central Oregon, near Stonewall Bank, intended to protect yelloweye rockfish. The Stonewall Bank YRCA Expansion 2 is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

(1) 44°38.54' N lat.; 124°27.41' W long.;

(2) 44°38.54' N lat.; 124°23.86' W long.;

(3) 44°27.13' N lat.; 124°21.50' W long.;

(4) 44°27.13' N lat.; 124°26.89' W long.;

(5) 44°31.30' N lat.; 124°28.35' W long.; and connecting back to 44°38.54' N lat.; 124°27.41' W long.

- (l) **Florence YRCA.** The Florence YRCA is an area off central Oregon intended to protect yelloweye rockfish. The Florence YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in order listed:

(1) 44°30.04' N lat.; 124°42.31' W long.;

(2) 44°30.19' N lat.; 124°40.46' W long.;

(3) 44°25.00' N lat.; 124°37.00' W long.;

(4) 44°25.00' N lat.; 124°45.00' W long.;

(5) 44°26.71' N lat.; 124°45.00' W long.; and connecting back to 44°30.04' N lat.; 124°42.31' W long.

- (m) **Heceta Bank YRCA.** The Heceta Bank YRCA is an area off central Oregon intended to protect yelloweye rockfish. The Heceta Bank YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in order listed:

(1) 44°16.28' N lat., 124°47.86' W long.;

(2) 44°15.38' N lat., 124°49.86' W long.;

(3) 44°14.49' N lat., 124°51.82' W long.;

(4) 44°14.01' N lat., 124°52.88' W long.;

(5) 44°13.47' N lat., 124°54.08' W long.;

(6) 44°12.72' N lat., 124°54.07' W long.;

(7) 44°11.53' N lat., 124°54.06' W long.;

(8) 44°08.72' N lat., 124°54.02' W long.;

(9) 44°06.68' N lat., 124°54.00' W long.;

(10) 44°05.34' N lat., 124°53.10' W long.;

(11) 44°02.88' N lat., 124°53.96' W long.;

(12) 44°02.18' N lat., 124°54.29' W long.;

(13) 44°00.14' N lat., 124°55.25' W long.;

(14) 43°58.36' N lat., 124°55.42' W long.;

(15) 43°57.68' N lat., 124°55.48' W long.;

(16) 43°56.66' N lat., 124°55.45' W long.;

(17) 43°56.65' N lat., 124°55.49' W long.;

(18) 43°56.64' N lat., 124°56.53' W long.;

- (19) 43°56.74' N lat., 124°56.74' W long.;
- (20) 43°59.18' N lat., 124°56.94' W long.;
- (21) 44°00.45' N lat., 124°56.35' W long.;
- (22) 44°02.34' N lat., 124°55.49' W long.;
- (23) 44°04.81' N lat., 124°55.65' W long.;
- (24) 44°06.45' N lat., 124°55.78' W long.;
- (25) 44°08.47' N lat., 124°55.93' W long.;
- (26) 44°09.85' N lat., 124°56.04' W long.;
- (27) 44°11.34' N lat., 124°56.16' W long.;
- (28) 44°12.92' N lat., 124°56.28' W long.;
- (29) 44°14.06' N lat., 124°55.10' W long.;
- (30) 44°15.32' N lat., 124°53.79' W long.;
- (31) 44°16.90' N lat., 124°52.16' W long.;
- (32) 44°16.96' N lat., 124°52.11' W long.;
- (33) 44°16.96' N lat., 124°51.95' W long.;
- (34) 44°17.02' N lat., 124°48.02' W long.;
- (35) 44°17.02' N lat., 124°47.47' W long.; and connecting back to 44°16.28' N lat., 124°47.86' W long.

(n) **Point St. George YRCA.** The Point St. George YRCA is an area off the northern California coast, northwest of Point St. George, intended to protect yelloweye rockfish. The Point St. George YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

- (1) 41°51.00' N lat., 124°23.75' W long.;
- (2) 41°51.00' N lat., 124°20.75' W long.;
- (3) 41°48.00' N lat., 124°20.75' W long.;
- (4) 41°48.00' N lat., 124°23.75' W long.; and connecting back to 41°51.00' N lat., 124°23.75' W long.

(o) **South Reef YRCA.** The South Reef YRCA is an area off the northern California coast, southwest of Crescent City, intended to protect yelloweye rockfish. The South Reef YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:

- (1) 41°42.20' N lat., 124°16.00' W long.;
- (2) 41°42.20' N lat., 124°13.80' W long.;
- (3) 41°40.50' N lat., 124°13.80' W long.;
- (4) 41°40.50' N lat., 124°16.00' W long.; and connecting back to 41°42.20' N lat., 124°16.00' W long.

- (p) **Reading Rock YRCA.** The Reading Rock YRCA is an area off the northern California coast, between Crescent City and Eureka, intended to protect yelloweye rockfish. The Reading Rock YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:
- (1) 41°21.50' N lat., 124°12.00' W long.;
  - (2) 41°21.50' N lat., 124°10.00' W long.;
  - (3) 41°20.00' N lat., 124°10.00' W long.;
  - (4) 41°20.00' N lat., 124°12.00' W long.; and connecting back to 41°21.50' N lat., 124°12.00' W long.
- (q) **Point Delgada YRCAs.** The Point Delgada YRCAs are two areas off the northern California coast, south of Point Delgada and Shelter Cove, intended to protect yelloweye rockfish. The Northern Point Delgada YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:
- (1) 39°59.00' N lat., 124°05.00' W long.;
  - (2) 39°59.00' N lat., 124°03.00' W long.;
  - (3) 39°57.00' N lat., 124°03.00' W long.;
  - (4) 39°57.00' N lat., 124°05.00' W long.; and connecting back to 39°59.00' N lat., 124°05.00' W long.
- (r) **Southern Point Delgada YRCA.** The Southern Point Delgada YRCA is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:
- (1) 39°57.00' N lat., 124°05.00' W long.;
  - (2) 39°57.00' N lat., 124°02.00' W long.;
  - (3) 39°54.00' N lat., 124°02.00' W long.;
  - (4) 39°54.00' N lat., 124°05.00' W long.; and connecting back to 39°57.00' N lat., 124°05.00' W long.
- (s) **Cowcod Conservation Areas.** The Cowcod Conservation Areas (CCAs) are two areas off the southern California coast intended to protect cowcod.
- (1) **Western CCA.** The Western CCA is an area south of Point Conception defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 33°50.00' N lat., 119°30.00' W long.:
    - (i) 33°50.00' N lat., 119°30.00' W long.;
    - (ii) 33°50.00' N lat., 118°50.00' W long.;
    - (iii) 32°20.00' N lat., 118°50.00' W long.;
    - (iv) 32°20.00' N lat., 119°37.00' W long.;
    - (v) 33°00.00' N lat., 119°37.00' W long.;
    - (vi) 33°00.00' N lat., 119°53.00' W long.;
    - (vii) 33°33.00' N lat., 119°53.00' W long.; and
    - (viii) 33°33.00' N lat., 119°30.00' W long.

- (2) **Transit corridor.** The Western CCA transit corridor is bounded on the north by the latitude line at 33°00.50' N lat., and bounded on the south by the latitude line at 32°59.50' N lat.
- (3) **Eastern CCA.** The Eastern CCA is an area west of San Diego defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 32°42.00' N lat., 118°02.00' W long.:
  - (i) 32°42.00' N lat., 118°02.00' W long.;
  - (ii) 32°42.00' N lat., 117°50.00' W long.;
  - (iii) 32°36.70' N lat., 117°50.00' W long.;
  - (iv) 32°30.00' N lat., 117°53.50' W long.; and
  - (v) 32°30.00' N lat., 118°02.00' W long.
- (t) **Groundfish Exclusion Areas.** The Groundfish Exclusion Areas (GEAs) are eight areas south of Point Conception intended to protect sensitive areas, including areas with coral and sea pens.
  - (1) **Hidden Reef.** The Hidden Reef GEA is defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 33°46.14' N lat., 119°10.45' W long.:
    - (i) 33°46.14' N lat., 119°10.45' W long.;
    - (ii) 33°46.14' N lat., 119°05.96' W long.;
    - (iii) 33°41.40' N lat., 119°05.96' W long.; and
    - (iv) 33°41.40' N lat., 119°10.45' W long.
  - (2) **West of Santa Barbara Island.** The West of Santa Barbara Island GEA is defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 33°33.64' N lat., 119°18.54' W long.:
    - (i) 33°33.64' N lat., 119°18.54' W long.;
    - (ii) 33°33.64' N lat., 119°07.57' W long.;
    - (iii) 33°27.90' N lat., 119°07.57' W long.; and
    - (iv) 33°27.90' N lat., 119°18.54' W long.
  - (3) **Potato Bank.** The Potato Bank GEA is defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 33°21.00' N lat., 119°53.00' W long.:
    - (i) 33°21.00' N lat., 119°53.00' W long.;
    - (ii) 33°21.00' N lat., 119°45.67' W long.;
    - (iii) 33°11.00' N lat., 119°45.67' W long.; and
    - (iv) 33°11.00' N lat., 119°53.00' W long.
  - (4) **107/118 Bank.** The 107/118 Bank GEA is defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 33°05.51' N lat., 119°41.29' W long.:

- (i) 33°05.51' N lat., 119°41.29' W long.;
  - (ii) 33°08.64' N lat., 119°36.71' W long.;
  - (iii) 33°03.50' N lat., 119°31.69' W long.; and
  - (iv) 33°00.36' N lat., 119°36.27' W long.
- (5) **Cherry Bank.** The Cherry Bank GEA is defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 32°50.86' N lat., 119°29.40' W long.:
- (i) 32°50.86' N lat., 119°29.40' W long.;
  - (ii) 32°56.96' N lat., 119°19.82' W long.;
  - (iii) 32°54.69' N lat., 119°17.78' W long.; and
  - (iv) 32°48.59' N lat., 119°27.35' W long.
- (6) **Seamount 109.** The Seamount 109 GEA is defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 32°43.75' N lat., 119°37.00' W long.:
- (i) 32°43.75' N lat., 119°37.00' W long.;
  - (ii) 32°43.75' N lat., 119°34.29' W long.;
  - (iii) 32°31.95' N lat., 119°26.94' W long.;
  - (iv) 32°30.47' N lat., 119°29.71' W long.; and
  - (v) 32°39.54' N lat., 119°37.00' W long.
- (7) **43-Fathom Spot.** The 43-Fathom Spot GEA is defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 32°42.00' N lat., 118°00.05' W long.:
- (i) 32°42.00' N lat., 118°00.05' W long.;
  - (ii) 32°42.00' N lat., 117°50.00' W long.;
  - (iii) 32°36.70' N lat., 117°50.00' W long.;
  - (iv) 32°36.18' N lat., 117°50.27' W long.; and
  - (v) 32°36.18' N lat., 118°00.05' W long.
- (8) **Northeast Bank.** The Northeast Bank GEA is defined by the straight lines connecting the following specific latitude and longitude coordinates in the order listed and connecting back to 32°27.39' N lat., 119°37.00' W long.:
- (i) 32°27.39' N lat., 119°37.00' W long.;
  - (ii) 32°27.39' N lat., 119°31.60' W long.;
  - (iii) 32°20.00' N lat., 119°31.60' W long.; and
  - (iv) 32°20.00' N lat., 119°37.00' W long.

- (u) **Farallon Islands.** The Farallon Islands, off San Francisco and San Mateo Counties, include Southeast Farallon Island, Middle Farallon Island, North Farallon Island and Noon Day Rock. Generally, the State of California prohibits fishing for groundfish between the shoreline and the 10-fm (18-m) depth contour around the Farallon Islands.
- (v) **Cordell Bank.** Cordell Bank is located offshore of California's Marin County. Generally, fishing for groundfish is prohibited within Cordell Bank as defined by specific latitude and longitude coordinates. The Cordell Bank closed area is defined by straight lines connecting the following specific latitude and longitude coordinates in the order listed:
- (1) 38°03.18' N lat., 123°20.77' W long.;
  - (2) 38°06.29' N lat., 123°25.03' W long.;
  - (3) 38°06.34' N lat., 123°29.32' W long.;
  - (4) 38°04.57' N lat., 123°31.30' W long.;
  - (5) 38°02.32' N lat., 123°31.07' W long.;
  - (6) 38°00.00' N lat., 123°28.40' W long.;
  - (7) 37°58.10' N lat., 123°26.66' W long.;
  - (8) 37°55.07' N lat., 123°26.81' W long.;
  - (9) 38°00.00' N lat., 123°23.08' W long.; and connecting back to 38°03.18' N lat., 123°20.77' W long.

[71 FR 78663, Dec. 29, 2006, as amended at 72 FR 53167, Sept. 18, 2007; 74 FR 9893, Mar. 6, 2009. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 53835, Aug. 30, 2011; 82 FR 9640, Feb. 7, 2017; 84 FR 63973, Nov. 19, 2019; 88 FR 83842, Dec. 1, 2023]

### § 660.71 Latitude/longitude coordinates defining the 10-fm (18-m) through 40-fm (73-m) depth contours.

Boundaries for some GCAs are defined by straight lines connecting a series of latitude/longitude coordinates. This section provides coordinates for the 10-fm (18-m) through 40-fm (73-m) depth contours.

- (a) The 10-fm (18-m) depth contour between the U.S. border with Canada and 46°16' N. lat. is defined by straight lines connecting all of the following points in the order stated:
- (1) 48°23.80' N. lat., 124°44.18' W. long.;
  - (2) 48°23.60' N. lat., 124°44.80' W. long.;
  - (3) 48°23.45' N. lat., 124°44.80' W. long.;
  - (4) 48°23.30' N. lat., 124°44.20' W. long.;
  - (5) 48°22.20' N. lat., 124°44.30' W. long.;
  - (6) 48°20.25' N. lat., 124°42.20' W. long.;
  - (7) 48°12.80' N. lat., 124°43.10' W. long.;
  - (8) 48°11.10' N. lat., 124°46.50' W. long.;
  - (9) 48°10.00' N. lat., 124°46.50' W. long.;

- (10) 48°08.50' N. lat., 124°44.20' W. long.;
- (11) 47°59.40' N. lat., 124°42.50' W. long.;
- (12) 47°52.60' N. lat., 124°38.80' W. long.;
- (13) 47°51.50' N. lat., 124°34.60' W. long.;
- (14) 47°39.80' N. lat., 124°28.10' W. long.;
- (15) 47°31.70' N. lat., 124°26.30' W. long.;
- (16) 47°25.20' N. lat., 124°24.80' W. long.;
- (17) 47°09.80' N. lat., 124°15.20' W. long.;
- (18) 46°54.40' N. lat., 124°14.80' W. long.;
- (19) 46°48.30' N. lat., 124°10.25' W. long.;
- (20) 46°38.17' N. lat., 124°10.30' W. long.;
- (21) 46°27.20' N. lat., 124°06.50' W. long.; and
- (22) 46°16.00' N. lat., 124°10.00' W. long.

(b) The 20-fm (37-m) depth contour between the U.S. border with Canada and 42° N. lat. is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°23.90' N. lat., 124°44.20' W. long.;
- (2) 48°23.60' N. lat., 124°44.90' W. long.;
- (3) 48°18.60' N. lat., 124°43.60' W. long.;
- (4) 48°18.60' N. lat., 124°48.20' W. long.;
- (5) 48°10.00' N. lat., 124°48.80' W. long.;
- (6) 48°02.40' N. lat., 124°49.30' W. long.;
- (7) 47°37.60' N. lat., 124°34.30' W. long.;
- (8) 47°31.70' N. lat., 124°32.40' W. long.;
- (9) 47°17.90' N. lat., 124°25.00' W. long.;
- (10) 46°58.80' N. lat., 124°18.30' W. long.;
- (11) 46°47.40' N. lat., 124°12.70' W. long.;
- (12) 46°38.17' N. lat., 124°12.40' W. long.;
- (13) 46°16.00' N. lat., 124°11.50' W. long.;
- (14) 46°16.01' N. lat., 124°11.56' W. long.;
- (15) 46°15.09' N. lat., 124°11.33' W. long.;
- (16) 46°11.94' N. lat., 124°08.51' W. long.;
- (17) 46°08.02' N. lat., 124°04.06' W. long.;



- (18) 46°05.05' N. lat., 124°02.13' W. long.;
- (19) 46°02.19' N. lat., 124°01.35' W. long.;
- (20) 45°58.28' N. lat., 124°01.70' W. long.;
- (21) 45°55.64' N. lat., 124°01.16' W. long.;
- (22) 45°52.61' N. lat., 124°00.33' W. long.;
- (23) 45°48.43' N. lat., 124°00.65' W. long.;
- (24) 45°46.59' N. lat., 124°00.79' W. long.;
- (25) 45°46.00' N. lat., 124°00.54' W. long.;
- (26) 45°46.00' N. lat., 124°00.53' W. long.;
- (27) 45°44.75' N. lat., 123°59.92' W. long.;
- (28) 45°44.57' N. lat., 123°59.64' W. long.;
- (29) 45°41.86' N. lat., 123°58.82' W. long.;
- (30) 45°36.40' N. lat., 123°59.42' W. long.;
- (31) 45°34.10' N. lat., 123°59.90' W. long.;
- (32) 45°32.81' N. lat., 124°00.35' W. long.;
- (33) 45°29.87' N. lat., 124°00.98' W. long.;
- (34) 45°27.49' N. lat., 124°00.79' W. long.;
- (35) 45°25.37' N. lat., 124°00.73' W. long.;
- (36) 45°22.06' N. lat., 124°01.66' W. long.;
- (37) 45°17.27' N. lat., 124°00.76' W. long.;
- (38) 45°14.09' N. lat., 124°00.75' W. long.;
- (39) 45°12.50' N. lat., 124°00.53' W. long.;
- (40) 45°11.92' N. lat., 124°01.62' W. long.;
- (41) 45°11.02' N. lat., 124°00.60' W. long.;
- (42) 45°10.08' N. lat., 124°00.58' W. long.;
- (43) 45°05.51' N. lat., 124°02.15' W. long.;
- (44) 45°03.83' N. lat., 124°02.55' W. long.;
- (45) 45°01.03' N. lat., 124°03.22' W. long.;
- (46) 44°57.98' N. lat., 124°04.29' W. long.;
- (47) 44°55.37' N. lat., 124°04.39' W. long.;
- (48) 44°51.56' N. lat., 124°05.54' W. long.;

- (49) 44°45.24' N. lat., 124°06.47' W. long.;
- (50) 44°42.69' N. lat., 124°06.73' W. long.;
- (51) 44°33.86' N. lat., 124°07.43' W. long.;
- (52) 44°29.78' N. lat., 124°07.62' W. long.;
- (53) 44°28.53' N. lat., 124°07.93' W. long.;
- (54) 44°23.71' N. lat., 124°08.30' W. long.;
- (55) 44°21.75' N. lat., 124°08.79' W. long.;
- (56) 44°20.99' N. lat., 124°08.48' W. long.;
- (57) 44°17.29' N. lat., 124°08.82' W. long.;
- (58) 44°11.90' N. lat., 124°09.44' W. long.;
- (59) 44°03.25' N. lat., 124°10.33' W. long.;
- (60) 43°52.69' N. lat., 124°12.01' W. long.;
- (61) 43°42.94' N. lat., 124°13.88' W. long.;
- (62) 43°41.44' N. lat., 124°14.47' W. long.;
- (63) 43°36.60' N. lat., 124°14.92' W. long.;
- (64) 43°29.85' N. lat., 124°17.35' W. long.;
- (65) 43°25.00' N. lat., 124°20.84' W. long.;
- (66) 43°21.61' N. lat., 124°24.09' W. long.;
- (67) 43°20.83' N. lat., 124°24.74' W. long.;
- (68) 43°20.51' N. lat., 124°25.01' W. long.;
- (69) 43°19.33' N. lat., 124°25.43' W. long.;
- (70) 43°16.18' N. lat., 124°26.02' W. long.;
- (71) 43°14.39' N. lat., 124°26.17' W. long.;
- (72) 43°13.94' N. lat., 124°26.72' W. long.;
- (73) 43°13.39' N. lat., 124°26.41' W. long.;
- (74) 43°11.39' N. lat., 124°26.90' W. long.;
- (75) 43°10.06' N. lat., 124°28.24' W. long.;
- (76) 43°07.48' N. lat., 124°28.65' W. long.;
- (77) 43°06.67' N. lat., 124°28.63' W. long.;
- (78) 43°06.43' N. lat., 124°28.22' W. long.;
- (79) 43°03.09' N. lat., 124°28.52' W. long.;

- (80) 42°57.55' N. lat., 124°30.74' W. long.;
- (81) 42°52.91' N. lat., 124°35.03' W. long.;
- (82) 42°51.58' N. lat., 124°36.43' W. long.;
- (83) 42°50.00' N. lat., 124°37.13' W. long.;
- (84) 42°49.85' N. lat., 124°37.20' W. long.;
- (85) 42°46.07' N. lat., 124°36.98' W. long.;
- (86) 42°46.03' N. lat., 124°34.76' W. long.;
- (87) 42°45.37' N. lat., 124°33.59' W. long.;
- (88) 42°43.91' N. lat., 124°32.14' W. long.;
- (89) 42°41.73' N. lat., 124°29.20' W. long.;
- (90) 42°40.50' N. lat., 124°28.95' W. long.;
- (91) 42°40.49' N. lat., 124°28.95' W. long.;
- (92) 42°40.06' N. lat., 124°28.94' W. long.;
- (93) 42°39.74' N. lat., 124°27.80' W. long.;
- (94) 42°37.53' N. lat., 124°26.39' W. long.;
- (95) 42°34.33' N. lat., 124°26.56' W. long.;
- (96) 42°32.81' N. lat., 124°27.55' W. long.;
- (97) 42°31.66' N. lat., 124°29.58' W. long.;
- (98) 42°30.70' N. lat., 124°30.91' W. long.;
- (99) 42°29.20' N. lat., 124°31.27' W. long.;
- (100) 42°27.52' N. lat., 124°30.79' W. long.;
- (101) 42°24.70' N. lat., 124°29.65' W. long.;
- (102) 42°23.93' N. lat., 124°28.60' W. long.;
- (103) 42°19.35' N. lat., 124°27.23' W. long.;
- (104) 42°14.87' N. lat., 124°26.14' W. long.;
- (105) 42°11.85' N. lat., 124°23.78' W. long.;
- (106) 42°08.08' N. lat., 124°22.91' W. long.;
- (107) 42°07.04' N. lat., 124°22.66' W. long.;
- (108) 42°05.17' N. lat., 124°21.41' W. long.;
- (109) 42°04.16' N. lat., 124°20.55' W. long.;
- (110) 42°02.12' N. lat., 124°20.51' W. long.;

(111) 42°01.42' N. lat., 124°20.29' W. long.; and

(112) 42°00.00' N. lat., 124°19.61' W. long.

(c) The 25-fm (46-m) depth contour between the Queets River, WA, and 42° N. lat. is defined by straight lines connecting all of the following points in the order stated:

(1) 47°31.70' N. lat., 124°34.70' W. long.;

(2) 47°25.70' N. lat., 124°33.00' W. long.;

(3) 47°12.80' N. lat., 124°26.00' W. long.;

(4) 46°53.00' N. lat., 124°21.00' W. long.;

(5) 46°44.20' N. lat., 124°15.00' W. long.;

(6) 46°38.17' N. lat., 124°13.70' W. long.;

(7) 46°16.00' N. lat., 124°12.50' W. long.;

(8) 46°15.99' N. lat., 124°12.04' W. long.;

(9) 46°13.72' N. lat., 124°11.04' W. long.;

(10) 46°09.50' N. lat., 124°07.62' W. long.;

(11) 46°04.00' N. lat., 124°03.20' W. long.;

(12) 45°57.61' N. lat., 124°01.85' W. long.;

(13) 45°51.73' N. lat., 124°01.06' W. long.;

(14) 45°47.27' N. lat., 124°01.22' W. long.;

(15) 45°46.00' N. lat., 124°00.94' W. long.;

(16) 45°43.19' N. lat., 124°00.32' W. long.;

(17) 45°36.11' N. lat., 124°00.38' W. long.;

(18) 45°32.95' N. lat., 124°01.38' W. long.;

(19) 45°27.47' N. lat., 124°01.46' W. long.;

(20) 45°23.18' N. lat., 124°01.94' W. long.;

(21) 45°19.04' N. lat., 124°01.29' W. long.;

(22) 45°16.79' N. lat., 124°01.90' W. long.;

(23) 45°13.54' N. lat., 124°01.64' W. long.;

(24) 45°09.56' N. lat., 124°01.94' W. long.;

(25) 45°06.15' N. lat., 124°02.38' W. long.;

(26) 45°03.83' N. lat., 124°02.96' W. long.;

(27) 45°00.77' N. lat., 124°03.72' W. long.;

(28) 44°49.08' N. lat., 124°06.49' W. long.;

- (29) 44°40.06' N. lat., 124°08.14' W. long.;
- (30) 44°36.64' N. lat., 124°08.51' W. long.;
- (31) 44°29.41' N. lat., 124°09.24' W. long.;
- (32) 44°25.18' N. lat., 124°09.37' W. long.;
- (33) 44°16.34' N. lat., 124°10.30' W. long.;
- (34) 44°12.16' N. lat., 124°10.82' W. long.;
- (35) 44°06.59' N. lat., 124°11.00' W. long.;
- (36) 44°02.09' N. lat., 124°11.24' W. long.;
- (37) 43°57.82' N. lat., 124°11.60' W. long.;
- (38) 43°53.44' N. lat., 124°12.34' W. long.;
- (39) 43°49.19' N. lat., 124°13.08' W. long.;
- (40) 43°45.19' N. lat., 124°13.73' W. long.;
- (41) 43°41.22' N. lat., 124°14.59' W. long.;
- (42) 43°37.52' N. lat., 124°15.05' W. long.;
- (43) 43°33.97' N. lat., 124°16.00' W. long.;
- (44) 43°29.72' N. lat., 124°17.78' W. long.;
- (45) 43°27.63' N. lat., 124°19.11' W. long.;
- (46) 43°20.83' N. lat., 124°25.24' W. long.;
- (47) 43°20.66' N. lat., 124°25.39' W. long.;
- (48) 43°15.57' N. lat., 124°26.86' W. long.;
- (49) 43°06.88' N. lat., 124°29.30' W. long.;
- (50) 43°03.37' N. lat., 124°29.06' W. long.;
- (51) 43°01.03' N. lat., 124°29.41' W. long.;
- (52) 42°56.59' N. lat., 124°31.93' W. long.;
- (53) 42°54.08' N. lat., 124°34.55' W. long.;
- (54) 42°51.16' N. lat., 124°37.02' W. long.;
- (55) 42°50.00' N. lat., 124°37.41' W. long.;
- (56) 42°49.27' N. lat., 124°37.73' W. long.;
- (57) 42°46.02' N. lat., 124°37.54' W. long.;
- (58) 42°45.76' N. lat., 124°35.68' W. long.;
- (59) 42°42.25' N. lat., 124°30.47' W. long.;

- (60) 42°40.51' N. lat., 124°29.00' W. long.;
- (61) 42°40.00' N. lat., 124°29.01' W. long.;
- (62) 42°39.64' N. lat., 124°28.28' W. long.;
- (63) 42°38.80' N. lat., 124°27.57' W. long.;
- (64) 42°35.42' N. lat., 124°26.77' W. long.;
- (65) 42°33.13' N. lat., 124°29.06' W. long.;
- (66) 42°31.44' N. lat., 124°30.71' W. long.;
- (67) 42°29.03' N. lat., 124°31.71' W. long.;
- (68) 42°24.98' N. lat., 124°29.95' W. long.;
- (69) 42°20.05' N. lat., 124°28.16' W. long.;
- (70) 42°14.24' N. lat., 124°26.03' W. long.;
- (71) 42°10.23' N. lat., 124°23.93' W. long.;
- (72) 42°06.20' N. lat., 124°22.70' W. long.;
- (73) 42°04.66' N. lat., 124°21.49' W. long.;
- (74) 42°00.00' N. lat., 124°20.80' W. long.;

(d) The 25-fm (46-m) depth contour between the Queets River, WA, and 42° N. lat., modified to reduce impacts on canary and yelloweye rockfish by shifting the line shoreward in the area between 47°31.70' N. lat. and 46°44.18' N. lat., is defined by straight lines connecting all of the following points in the order stated:

- (1) 47°31.70' N. lat., 124°34.66' W. long.;
- (2) 47°25.67' N. lat., 124°32.78' W. long.;
- (3) 47°12.82' N. lat., 124°26.00' W. long.;
- (4) 46°52.94' N. lat., 124°18.94' W. long.;
- (5) 46°44.18' N. lat., 124°14.89' W. long.;
- (6) 46°38.17' N. lat., 124°13.70' W. long.;
- (7) 46°16.00' N. lat., 124°12.50' W. long.;
- (8) 46°15.99' N. lat., 124°12.04' W. long.;
- (9) 46°13.72' N. lat., 124°11.04' W. long.;
- (10) 46°09.50' N. lat., 124°07.62' W. long.;
- (11) 46°04.00' N. lat., 124°03.20' W. long.;
- (12) 45°57.61' N. lat., 124°01.85' W. long.;
- (13) 45°51.73' N. lat., 124°01.06' W. long.;
- (14) 45°47.27' N. lat., 124°01.22' W. long.;

- (15) 45°46.00' N. lat., 124°00.94' W. long.;
- (16) 45°43.19' N. lat., 124°00.32' W. long.;
- (17) 45°36.11' N. lat., 124°00.38' W. long.;
- (18) 45°32.95' N. lat., 124°01.38' W. long.;
- (19) 45°27.47' N. lat., 124°01.46' W. long.;
- (20) 45°23.18' N. lat., 124°01.94' W. long.;
- (21) 45°19.04' N. lat., 124°01.29' W. long.;
- (22) 45°16.79' N. lat., 124°01.90' W. long.;
- (23) 45°13.54' N. lat., 124°01.64' W. long.;
- (24) 45°09.56' N. lat., 124°01.94' W. long.;
- (25) 45°06.15' N. lat., 124°02.38' W. long.;
- (26) 45°03.83' N. lat., 124°02.96' W. long.;
- (27) 45°00.77' N. lat., 124°03.72' W. long.;
- (28) 44°49.08' N. lat., 124°06.49' W. long.;
- (29) 44°40.06' N. lat., 124°08.14' W. long.;
- (30) 44°36.64' N. lat., 124°08.51' W. long.;
- (31) 44°29.41' N. lat., 124°09.24' W. long.;
- (32) 44°25.18' N. lat., 124°09.37' W. long.;
- (33) 44°16.34' N. lat., 124°10.30' W. long.;
- (34) 44°12.16' N. lat., 124°10.82' W. long.;
- (35) 44°06.59' N. lat., 124°11.00' W. long.;
- (36) 44°02.09' N. lat., 124°11.24' W. long.;
- (37) 43°57.82' N. lat., 124°11.60' W. long.;
- (38) 43°53.44' N. lat., 124°12.34' W. long.;
- (39) 43°49.19' N. lat., 124°13.08' W. long.;
- (40) 43°45.19' N. lat., 124°13.73' W. long.;
- (41) 43°41.22' N. lat., 124°14.59' W. long.;
- (42) 43°37.52' N. lat., 124°15.05' W. long.;
- (43) 43°33.97' N. lat., 124°16.00' W. long.;
- (44) 43°29.72' N. lat., 124°17.78' W. long.;
- (45) 43°27.63' N. lat., 124°19.11' W. long.;

- (46) 43°20.83' N. lat., 124°25.24' W. long.;
- (47) 43°20.66' N. lat., 124°25.39' W. long.;
- (48) 43°15.57' N. lat., 124°26.86' W. long.;
- (49) 43°06.88' N. lat., 124°29.30' W. long.;
- (50) 43°03.37' N. lat., 124°29.06' W. long.;
- (51) 43°01.03' N. lat., 124°29.41' W. long.;
- (52) 42°56.59' N. lat., 124°31.93' W. long.;
- (53) 42°54.08' N. lat., 124°34.55' W. long.;
- (54) 42°51.16' N. lat., 124°37.02' W. long.;
- (55) 42°50.00' N. lat., 124°36.41' W. long.;
- (56) 42°49.27' N. lat., 124°37.73' W. long.;
- (57) 42°46.02' N. lat., 124°37.54' W. long.;
- (58) 42°45.76' N. lat., 124°35.68' W. long.;
- (59) 42°42.25' N. lat., 124°30.47' W. long.;
- (60) 42°40.51' N. lat., 124°29.00' W. long.;
- (61) 42°40.00' N. lat., 124°29.01' W. long.;
- (62) 42°39.64' N. lat., 124°28.28' W. long.;
- (63) 42°38.80' N. lat., 124°27.57' W. long.;
- (64) 42°35.42' N. lat., 124°26.77' W. long.;
- (65) 42°33.13' N. lat., 124°29.06' W. long.;
- (66) 42°31.44' N. lat., 124°30.71' W. long.;
- (67) 42°29.03' N. lat., 124°31.71' W. long.;
- (68) 42°24.98' N. lat., 124°29.95' W. long.;
- (69) 42°20.05' N. lat., 124°28.16' W. long.;
- (70) 42°14.24' N. lat., 124°26.03' W. long.;
- (71) 42°10.23' N. lat., 124°23.93' W. long.;
- (72) 42°06.20' N. lat., 124°22.70' W. long.;
- (73) 42°04.66' N. lat., 124°21.49' W. long.; and
- (74) 42°00.00' N. lat., 124°20.80' W. long.

(e) The 30-fm (55-m) depth contour between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°24.79' N. lat., 124°44.07' W. long.;



- (2) 48°24.80' N. lat., 124°44.74' W. long.;
- (3) 48°23.94' N. lat., 124°44.70' W. long.;
- (4) 48°23.51' N. lat., 124°45.01' W. long.;
- (5) 48°22.59' N. lat., 124°44.97' W. long.;
- (6) 48°21.75' N. lat., 124°45.26' W. long.;
- (7) 48°21.23' N. lat., 124°47.78' W. long.;
- (8) 48°20.32' N. lat., 124°49.53' W. long.;
- (9) 48°16.72' N. lat., 124°51.58' W. long.;
- (10) 48°10.00' N. lat., 124°52.58' W. long.;
- (11) 48°05.63' N. lat., 124°52.91' W. long.;
- (12) 47°53.37' N. lat., 124°47.37' W. long.;
- (13) 47°40.28' N. lat., 124°40.07' W. long.;
- (14) 47°31.70' N. lat., 124°37.03' W. long.;
- (15) 47°25.67' N. lat., 124°34.79' W. long.;
- (16) 47°12.82' N. lat., 124°29.12' W. long.;
- (17) 46°52.94' N. lat., 124°22.58' W. long.;
- (18) 46°44.18' N. lat., 124°18.00' W. long.;
- (19) 46°38.17' N. lat., 124°15.88' W. long.;
- (20) 46°29.53' N. lat., 124°15.89' W. long.;
- (21) 46°19.27' N. lat., 124°14.15' W. long.;
- (22) 46°16.00' N. lat., 124°13.04' W. long.;
- (23) 46°07.00' N. lat., 124°07.01' W. long.;
- (24) 45°55.95' N. lat., 124°02.23' W. long.;
- (25) 45°54.53' N. lat., 124°02.57' W. long.;
- (26) 45°50.65' N. lat., 124°01.62' W. long.;
- (27) 45°48.20' N. lat., 124°02.16' W. long.;
- (28) 45°46.00' N. lat., 124°01.86' W. long.;
- (29) 45°43.46' N. lat., 124°01.28' W. long.;
- (30) 45°40.48' N. lat., 124°01.03' W. long.;
- (31) 45°39.04' N. lat., 124°01.68' W. long.;
- (32) 45°35.48' N. lat., 124°01.90' W. long.;

- (33) 45°29.81' N. lat., 124°02.45' W. long.;
- (34) 45°27.97' N. lat., 124°01.90' W. long.;
- (35) 45°27.22' N. lat., 124°02.66' W. long.;
- (36) 45°24.20' N. lat., 124°02.94' W. long.;
- (37) 45°20.60' N. lat., 124°01.74' W. long.;
- (38) 45°20.25' N. lat., 124°01.85' W. long.;
- (39) 45°16.44' N. lat., 124°03.22' W. long.;
- (40) 45°13.63' N. lat., 124°02.69' W. long.;
- (41) 45°11.05' N. lat., 124°03.59' W. long.;
- (42) 45°08.55' N. lat., 124°03.47' W. long.;
- (43) 45°03.82' N. lat., 124°04.43' W. long.;
- (44) 45°02.81' N. lat., 124°04.64' W. long.;
- (45) 44°58.06' N. lat., 124°05.03' W. long.;
- (46) 44°53.97' N. lat., 124°06.92' W. long.;
- (47) 44°48.89' N. lat., 124°07.04' W. long.;
- (48) 44°46.94' N. lat., 124°08.25' W. long.;
- (49) 44°42.72' N. lat., 124°08.98' W. long.;
- (50) 44°38.16' N. lat., 124°11.48' W. long.;
- (51) 44°33.38' N. lat., 124°11.54' W. long.;
- (52) 44°28.51' N. lat., 124°12.04' W. long.;
- (53) 44°27.65' N. lat., 124°12.56' W. long.;
- (54) 44°19.67' N. lat., 124°12.37' W. long.;
- (55) 44°10.79' N. lat., 124°12.22' W. long.;
- (56) 44°09.22' N. lat., 124°12.28' W. long.;
- (57) 44°08.30' N. lat., 124°12.30' W. long.;
- (58) 44°00.22' N. lat., 124°12.80' W. long.;
- (59) 43°51.56' N. lat., 124°13.18' W. long.;
- (60) 43°44.26' N. lat., 124°14.50' W. long.;
- (61) 43°33.82' N. lat., 124°16.28' W. long.;
- (62) 43°28.66' N. lat., 124°18.72' W. long.;
- (63) 43°23.12' N. lat., 124°24.04' W. long.;

- (64) 43°20.83' N. lat., 124°25.67' W. long.;
- (65) 43°20.48' N. lat., 124°25.90' W. long.;
- (66) 43°16.41' N. lat., 124°27.52' W. long.;
- (67) 43°14.23' N. lat., 124°29.28' W. long.;
- (68) 43°14.03' N. lat., 124°28.31' W. long.;
- (69) 43°11.92' N. lat., 124°28.26' W. long.;
- (70) 43°11.02' N. lat., 124°29.11' W. long.;
- (71) 43°10.13' N. lat., 124°29.15' W. long.;
- (72) 43°09.26' N. lat., 124°31.03' W. long.;
- (73) 43°07.73' N. lat., 124°30.92' W. long.;
- (74) 43°05.93' N. lat., 124°29.64' W. long.;
- (75) 43°01.59' N. lat., 124°30.64' W. long.;
- (76) 42°59.72' N. lat., 124°31.16' W. long.;
- (77) 42°53.75' N. lat., 124°36.09' W. long.;
- (78) 42°50.00' N. lat., 124°38.39' W. long.;
- (79) 42°49.37' N. lat., 124°38.81' W. long.;
- (80) 42°46.42' N. lat., 124°37.69' W. long.;
- (81) 42°46.07' N. lat., 124°38.56' W. long.;
- (82) 42°45.29' N. lat., 124°37.95' W. long.;
- (83) 42°45.61' N. lat., 124°36.87' W. long.;
- (84) 42°44.27' N. lat., 124°33.64' W. long.;
- (85) 42°42.75' N. lat., 124°31.84' W. long.;
- (86) 42°40.50' N. lat., 124°29.67' W. long.;
- (87) 42°40.04' N. lat., 124°29.20' W. long.;
- (88) 42°38.09' N. lat., 124°28.39' W. long.;
- (89) 42°36.73' N. lat., 124°27.54' W. long.;
- (90) 42°36.56' N. lat., 124°28.40' W. long.;
- (91) 42°35.77' N. lat., 124°28.79' W. long.;
- (92) 42°34.03' N. lat., 124°29.98' W. long.;
- (93) 42°34.19' N. lat., 124°30.58' W. long.;
- (94) 42°31.27' N. lat., 124°32.24' W. long.;

- (95) 42°27.07' N. lat., 124°32.53' W. long.;
- (96) 42°24.21' N. lat., 124°31.23' W. long.;
- (97) 42°20.47' N. lat., 124°28.87' W. long.;
- (98) 42°14.60' N. lat., 124°26.80' W. long.;
- (99) 42°13.67' N. lat., 124°26.25' W. long.;
- (100) 42°10.90' N. lat., 124°24.56' W. long.;
- (101) 42°07.04' N. lat., 124°23.35' W. long.;
- (102) 42°02.16' N. lat., 124°22.59' W. long.;
- (103) 42°00.00' N. lat., 124°21.81' W. long.;
- (104) 41°55.75' N. lat., 124°20.72' W. long.;
- (105) 41°50.93' N. lat., 124°23.76' W. long.;
- (106) 41°42.53' N. lat., 124°16.47' W. long.;
- (107) 41°37.20' N. lat., 124°17.05' W. long.;
- (108) 41°24.58' N. lat., 124°10.51' W. long.;
- (109) 41°20.73' N. lat., 124°11.73' W. long.;
- (110) 41°17.59' N. lat., 124°10.66' W. long.;
- (111) 41°04.54' N. lat., 124°14.47' W. long.;
- (112) 40°54.26' N. lat., 124°13.90' W. long.;
- (113) 40°40.31' N. lat., 124°26.24' W. long.;
- (114) 40°34.00' N. lat., 124°27.39' W. long.;
- (115) 40°30.00' N. lat., 124°31.32' W. long.;
- (116) 40°28.89' N. lat., 124°32.43' W. long.;
- (117) 40°24.77' N. lat., 124°29.51' W. long.;
- (118) 40°22.47' N. lat., 124°24.12' W. long.;
- (119) 40°19.73' N. lat., 124°23.59' W. long.;
- (120) 40°18.64' N. lat., 124°21.89' W. long.;
- (121) 40°17.67' N. lat., 124°23.07' W. long.;
- (122) 40°15.58' N. lat., 124°23.61' W. long.;
- (123) 40°13.42' N. lat., 124°22.94' W. long.;
- (124) 40°10.00' N. lat., 124°16.65' W. long.;
- (125) 40°09.46' N. lat., 124°15.28' W. long.;

- (126) 40°08.89' N. lat., 124°15.24' W. long.;
- (127) 40°06.40' N. lat., 124°10.97' W. long.;
- (128) 40°06.08' N. lat., 124°09.34' W. long.;
- (129) 40°06.64' N. lat., 124°08.00' W. long.;
- (130) 40°05.08' N. lat., 124°07.57' W. long.;
- (131) 40°04.29' N. lat., 124°08.12' W. long.;
- (132) 40°00.61' N. lat., 124°07.35' W. long.;
- (133) 39°58.60' N. lat., 124°05.51' W. long.;
- (134) 39°54.89' N. lat., 124°04.67' W. long.;
- (135) 39°53.01' N. lat., 124°02.33' W. long.;
- (136) 39°53.20' N. lat., 123°58.18' W. long.;
- (137) 39°48.45' N. lat., 123°53.21' W. long.;
- (138) 39°43.89' N. lat., 123°51.75' W. long.;
- (139) 39°39.60' N. lat., 123°49.14' W. long.;
- (140) 39°37.50' N. lat., 123°49.20' W. long.;
- (141) 39°34.43' N. lat., 123°48.48' W. long.;
- (142) 39°30.63' N. lat., 123°49.71' W. long.;
- (143) 39°21.25' N. lat., 123°50.54' W. long.;
- (144) 39°16.88' N. lat., 123°49.29' W. long.;
- (145) 39°11.06' N. lat., 123°47.16' W. long.;
- (146) 39°10.35' N. lat., 123°46.75' W. long.;
- (147) 39°08.87' N. lat., 123°46.24' W. long.;
- (148) 39°03.79' N. lat., 123°43.91' W. long.;
- (149) 38°59.65' N. lat., 123°45.94' W. long.;
- (150) 38°57.50' N. lat., 123°46.28' W. long.;
- (151) 38°56.80' N. lat., 123°46.48' W. long.;
- (152) 38°51.16' N. lat., 123°41.48' W. long.;
- (153) 38°45.77' N. lat., 123°35.14' W. long.;
- (154) 38°42.21' N. lat., 123°28.17' W. long.;
- (155) 38°34.05' N. lat., 123°20.96' W. long.;
- (156) 38°22.47' N. lat., 123°07.48' W. long.;

- (157) 38°16.52' N. lat., 123°05.62' W. long.;
- (158) 38°14.42' N. lat., 123°01.91' W. long.;
- (159) 38°08.24' N. lat., 122°59.79' W. long.;
- (160) 38°02.69' N. lat., 123°01.96' W. long.;
- (161) 38°00.00' N. lat., 123°04.75' W. long.;
- (162) 37°58.41' N. lat., 123°02.93' W. long.;
- (163) 37°58.25' N. lat., 122°56.49' W. long.;
- (164) 37°50.30' N. lat., 122°52.23' W. long.;
- (165) 37°43.36' N. lat., 123°04.18' W. long.;
- (166) 37°40.77' N. lat., 123°01.62' W. long.;
- (167) 37°40.13' N. lat., 122°57.30' W. long.;
- (168) 37°39.85' N. lat., 122°49.90' W. long.;
- (169) 37°35.67' N. lat., 122°44.20' W. long.;
- (170) 37°29.62' N. lat., 122°36.00' W. long.;
- (171) 37°22.38' N. lat., 122°31.66' W. long.;
- (172) 37°13.86' N. lat., 122°28.27' W. long.;
- (173) 37°11.00' N. lat., 122°26.50' W. long.;
- (174) 37°08.10' N. lat., 122°24.75' W. long.;
- (175) 37°07.00' N. lat., 122°23.60' W. long.;
- (176) 37°05.84' N. lat., 122°22.47' W. long.;
- (177) 36°58.77' N. lat., 122°13.03' W. long.;
- (178) 36°53.74' N. lat., 122°03.39' W. long.;
- (179) 36°52.71' N. lat., 122°00.14' W. long.;
- (180) 36°52.51' N. lat., 121°56.77' W. long.;
- (181) 36°49.44' N. lat., 121°49.63' W. long.;
- (182) 36°48.01' N. lat., 121°49.92' W. long.;
- (183) 36°48.25' N. lat., 121°47.66' W. long.;
- (184) 36°46.26' N. lat., 121°51.27' W. long.;
- (185) 36°39.14' N. lat., 121°52.05' W. long.;
- (186) 36°38.00' N. lat., 121°53.57' W. long.;
- (187) 36°39.14' N. lat., 121°55.45' W. long.;

- (188) 36°38.50' N. lat., 121°57.90' W. long.;
- (189) 36°36.75' N. lat., 121°59.44' W. long.;
- (190) 36°34.97' N. lat., 121°59.37' W. long.;
- (191) 36°33.07' N. lat., 121°58.32' W. long.;
- (192) 36°33.20' N. lat., 121°57.50' W. long.;
- (193) 36°32.04' N. lat., 121°55.98' W. long.;
- (194) 36°31.61' N. lat., 121°55.72' W. long.;
- (195) 36°31.59' N. lat., 121°57.12' W. long.;
- (196) 36°31.52' N. lat., 121°57.57' W. long.;
- (197) 36°30.88' N. lat., 121°57.90' W. long.;
- (198) 36°30.25' N. lat., 121°57.37' W. long.;
- (199) 36°29.47' N. lat., 121°57.55' W. long.;
- (200) 36°26.72' N. lat., 121°56.40' W. long.;
- (201) 36°24.33' N. lat., 121°56.00' W. long.;
- (202) 36°23.36' N. lat., 121°55.45' W. long.;
- (203) 36°18.86' N. lat., 121°56.15' W. long.;
- (204) 36°16.21' N. lat., 121°54.81' W. long.;
- (205) 36°15.30' N. lat., 121°53.79' W. long.;
- (206) 36°12.04' N. lat., 121°45.38' W. long.;
- (207) 36°11.87' N. lat., 121°44.45' W. long.;
- (208) 36°12.13' N. lat., 121°44.25' W. long.;
- (209) 36°11.89' N. lat., 121°43.65' W. long.;
- (210) 36°10.56' N. lat., 121°42.62' W. long.;
- (211) 36°09.90' N. lat., 121°41.57' W. long.;
- (212) 36°08.14' N. lat., 121°40.44' W. long.;
- (213) 36°06.69' N. lat., 121°38.79' W. long.;
- (214) 36°05.85' N. lat., 121°38.47' W. long.;
- (215) 36°03.08' N. lat., 121°36.25' W. long.;
- (216) 36°02.92' N. lat., 121°35.89' W. long.;
- (217) 36°01.53' N. lat., 121°36.13' W. long.;
- (218) 36°00.59' N. lat., 121°35.40' W. long.;

- (219) 36°00.00' N. lat., 121°34.10' W. long.;
- (220) 35°59.93' N. lat., 121°33.81' W. long.;
- (221) 35°59.69' N. lat., 121°31.84' W. long.;
- (222) 35°58.59' N. lat., 121°30.30' W. long.;
- (223) 35°54.02' N. lat., 121°29.71' W. long.;
- (224) 35°51.54' N. lat., 121°27.67' W. long.;
- (225) 35°50.42' N. lat., 121°25.79' W. long.;
- (226) 35°48.37' N. lat., 121°24.29' W. long.;
- (227) 35°47.02' N. lat., 121°22.46' W. long.;
- (228) 35°42.28' N. lat., 121°21.20' W. long.;
- (229) 35°41.57' N. lat., 121°21.82' W. long.;
- (230) 35°39.24' N. lat., 121°18.84' W. long.;
- (231) 35°35.14' N. lat., 121°10.45' W. long.;
- (232) 35°30.11' N. lat., 121°05.59' W. long.;
- (233) 35°25.86' N. lat., 121°00.07' W. long.;
- (234) 35°22.82' N. lat., 120°54.68' W. long.;
- (235) 35°17.96' N. lat., 120°55.54' W. long.;
- (236) 35°14.83' N. lat., 120°55.42' W. long.;
- (237) 35°08.87' N. lat., 120°50.22' W. long.;
- (238) 35°05.55' N. lat., 120°44.89' W. long.;
- (239) 35°02.91' N. lat., 120°43.94' W. long.;
- (240) 34°53.80' N. lat., 120°43.94' W. long.;
- (241) 34°34.89' N. lat., 120°41.92' W. long.;
- (242) 34°32.48' N. lat., 120°40.05' W. long.;
- (243) 34°30.12' N. lat., 120°32.81' W. long.;
- (244) 34°27.00' N. lat., 120°30.46' W. long.;
- (245) 34°27.00' N. lat., 120°30.31' W. long.;
- (246) 34°25.84' N. lat., 120°27.40' W. long.;
- (247) 34°25.16' N. lat., 120°20.18' W. long.;
- (248) 34°25.88' N. lat., 120°18.24' W. long.;
- (249) 34°27.26' N. lat., 120°12.47' W. long.;



- (250) 34°26.27' N. lat., 120°02.22' W. long.;
- (251) 34°23.41' N. lat., 119°53.40' W. long.;
- (252) 34°23.33' N. lat., 119°48.74' W. long.;
- (253) 34°22.31' N. lat., 119°41.36' W. long.;
- (254) 34°21.72' N. lat., 119°40.14' W. long.;
- (255) 34°21.25' N. lat., 119°41.18' W. long.;
- (256) 34°20.25' N. lat., 119°39.03' W. long.;
- (257) 34°19.87' N. lat., 119°33.65' W. long.;
- (258) 34°18.67' N. lat., 119°30.16' W. long.;
- (259) 34°16.95' N. lat., 119°27.90' W. long.;
- (260) 34°13.02' N. lat., 119°26.99' W. long.;
- (261) 34°08.62' N. lat., 119°20.89' W. long.;
- (262) 34°06.95' N. lat., 119°17.68' W. long.;
- (263) 34°06.13' N lat., 119°15.26' W long.;
- (264) 34°08.42' N. lat., 119°13.11' W. long.;
- (265) 34°05.23' N. lat., 119°13.34' W. long.;
- (266) 34°04.98' N. lat., 119°11.39' W. long.;
- (267) 34°04.55' N. lat., 119°11.09' W. long.;
- (268) 34°04.15' N. lat., 119°09.35' W. long.;
- (269) 34°04.89' N. lat., 119°07.86' W. long.;
- (270) 34°04.08' N. lat., 119°07.33' W. long.;
- (271) 34°04.10' N. lat., 119°06.89' W. long.;
- (272) 34°05.08' N. lat., 119°07.02' W. long.;
- (273) 34°05.27' N. lat., 119°04.95' W. long.;
- (274) 34°04.66' N lat., 119°04.51' W long.;
- (275) 34°02.26' N. lat., 118°59.88' W. long.;
- (276) 34°00.94' N. lat., 118°51.65' W. long.;
- (277) 33°59.77' N. lat., 118°49.26' W. long.;
- (278) 34°00.04' N. lat., 118°48.92' W. long.;
- (279) 33°59.65' N. lat., 118°48.43' W. long.;
- (280) 33°59.78' N lat., 118°47.26' W long.;

- (281) 33°59.80' N. lat., 118°45.89' W. long.;
- (282) 34°00.21' N. lat., 118°37.64' W. long.;
- (283) 33°59.26' N. lat., 118°34.58' W. long.;
- (284) 33°58.07' N. lat., 118°33.36' W. long.;
- (285) 33°53.76' N. lat., 118°30.14' W. long.;
- (286) 33°51.00' N. lat., 118°25.19' W. long.;
- (287) 33°50.29' N lat., 118°24.58' W long.;
- (288) 33°50.16' N. lat., 118°23.77' W. long.;
- (289) 33°48.80' N. lat., 118°25.31' W. long.;
- (290) 33°47.07' N. lat., 118°27.07' W. long.;
- (291) 33°46.12' N. lat., 118°26.87' W. long.;
- (292) 33°44.15' N. lat., 118°25.15' W. long.;
- (293) 33°43.54' N. lat., 118°23.02' W. long.;
- (294) 33°41.35' N. lat., 118°18.86' W. long.;
- (295) 33°39.96' N. lat., 118°17.37' W. long.;
- (296) 33°40.12' N. lat., 118°16.33' W. long.;
- (297) 33°39.28' N. lat., 118°16.21' W. long.;
- (298) 33°38.04' N. lat., 118°14.86' W. long.;
- (299) 33°36.57' N. lat., 118°14.67' W. long.;
- (300) 33°34.93' N. lat., 118°10.94' W. long.;
- (301) 33°35.14' N. lat., 118°08.61' W. long.;
- (302) 33°35.69' N. lat., 118°07.68' W. long.;
- (303) 33°36.21' N. lat., 118°07.53' W. long.;
- (304) 33°36.43' N. lat., 118°06.73' W. long.;
- (305) 33°36.05' N. lat., 118°06.15' W. long.;
- (306) 33°36.32' N. lat., 118°03.91' W. long.;
- (307) 33°35.26' N lat., 118°02.55' W long.;
- (308) 33°34.62' N. lat., 118°00.04' W. long.;
- (309) 33°34.80' N. lat., 117°57.73' W. long.;
- (310) 33°35.57' N. lat., 117°56.62' W. long.;
- (311) 33°35.46' N. lat., 117°55.99' W. long.;

- (312) 33°35.98' N. lat., 117°55.99' W. long.;
- (313) 33°35.46' N. lat., 117°55.38' W. long.;
- (314) 33°35.21' N. lat., 117°53.46' W. long.;
- (315) 33°33.61' N. lat., 117°50.45' W. long.;
- (316) 33°31.41' N. lat., 117°47.28' W. long.;
- (317) 33°27.54' N. lat., 117°44.36' W. long.;
- (318) 33°26.63' N. lat., 117°43.17' W. long.;
- (319) 33°25.21' N. lat., 117°40.90' W. long.;
- (320) 33°20.33' N. lat., 117°35.99' W. long.;
- (321) 33°16.35' N. lat., 117°31.51' W. long.;
- (322) 33°11.53' N. lat., 117°26.81' W. long.;
- (323) 33°07.59' N. lat., 117°21.13' W. long.;
- (324) 33°02.21' N. lat., 117°19.05' W. long.;
- (325) 32°56.55' N. lat., 117°17.70' W. long.;
- (326) 32°54.61' N. lat., 117°16.60' W. long.;
- (327) 32°52.32' N. lat., 117°15.97' W. long.;
- (328) 32°51.48' N. lat., 117°16.15' W. long.;
- (329) 32°51.85' N. lat., 117°17.26' W. long.;
- (330) 32°51.55' N. lat., 117°19.01' W. long.;
- (331) 32°49.55' N. lat., 117°19.63' W. long.;
- (332) 32°46.71' N. lat., 117°18.32' W. long.;
- (333) 32°36.35' N. lat., 117°15.68' W. long.; and
- (334) 32°32.85' N. lat., 117°15.44' W. long.

(f) The 30 fm (55 m) depth contour around the Farallon Islands off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 37°46.73' N. lat., 123°6.37' W. long.;
- (2) 37°45.79' N. lat., 123°07.91' W. long.;
- (3) 37°45.28' N. lat., 123°07.75' W. long.;
- (4) 37°44.98' N. lat., 123°07.11' W. long.;
- (5) 37°45.51' N. lat., 123°06.26' W. long.;
- (6) 37°45.14' N. lat., 123°05.41' W. long.;
- (7) 37°45.31' N. lat., 123°04.82' W. long.;

(8) 37°46.11' N. lat., 123°05.23' W. long.;

(9) 37°46.44' N. lat., 123°05.63' W. long.; and

(10) 37°46.73' N. lat., 123°06.37' W. long.

(g) The 30 fm (55 m) depth contour around Noon Day Rock off the state of California is defined by straight lines connecting all of the following points in the order stated:

(1) 37°47.83' N. lat., 123°10.83' W. long.;

(2) 37°47.51' N. lat., 123°11.19' W. long.;

(3) 37°47.33' N. lat., 123°10.68' W. long.;

(4) 37°47.02' N. lat., 123°10.59' W. long.;

(5) 37°47.21' N. lat., 123°09.85' W. long.;

(6) 37°47.56' N. lat., 123°09.72' W. long.;

(7) 37°47.87' N. lat., 123°10.26' W. long.; and

(8) 37°47.83' N. lat., 123°10.83' W. long.

(h) The 30 fm (55-m) depth contour around the northern Channel Islands of the state of California is defined by straight lines connecting all of the following points in the order stated:

(1) 34°00.98' N. lat., 119°20.46' W. long.;

(2) 34°00.53' N. lat., 119°20.98' W. long.;

(3) 34°00.17' N. lat., 119°21.83' W. long.;

(4) 33°59.65' N. lat., 119°24.45' W. long.;

(5) 33°59.68' N. lat., 119°25.20' W. long.;

(6) 33°59.95' N. lat., 119°26.25' W. long.;

(7) 33°59.87' N. lat., 119°27.27' W. long.;

(8) 33°59.55' N. lat., 119°28.02' W. long.;

(9) 33°58.63' N. lat., 119°36.48' W. long.;

(10) 33°57.62' N. lat., 119°41.13' W. long.;

(11) 33°57.00' N. lat., 119°42.20' W. long.;

(12) 33°56.93' N. lat., 119°48.00' W. long.;

(13) 33°56.75' N. lat., 119°49.13' W. long.;

(14) 33°58.54' N. lat., 119°52.80' W. long.;

(15) 33°59.95' N. lat., 119°54.49' W. long.;

(16) 33°59.83' N. lat., 119°56.00' W. long.;

(17) 33°59.18' N. lat., 119°57.17' W. long.;

- (18) 33°57.83' N. lat., 119°56.74' W. long.;
- (19) 33°55.71' N. lat., 119°56.89' W. long.;
- (20) 33°53.89' N. lat., 119°57.68' W. long.;
- (21) 33°52.93' N. lat., 119°59.80' W. long.;
- (22) 33°52.79' N. lat., 120°01.81' W. long.;
- (23) 33°52.51' N. lat., 120°03.08' W. long.;
- (24) 33°53.12' N. lat., 120°04.88' W. long.;
- (25) 33°53.12' N. lat., 120°05.80' W. long.;
- (26) 33°52.94' N. lat., 120°06.50' W. long.;
- (27) 33°54.03' N. lat., 120°10.00' W. long.;
- (28) 33°54.58' N. lat., 120°11.82' W. long.;
- (29) 33°57.08' N. lat., 120°14.58' W. long.;
- (30) 33°59.50' N. lat., 120°16.72' W. long.;
- (31) 33°59.63' N. lat., 120°17.88' W. long.;
- (32) 34°00.30' N. lat., 120°19.14' W. long.;
- (33) 34°00.02' N. lat., 120°19.68' W. long.;
- (34) 34°00.08' N. lat., 120°21.73' W. long.;
- (35) 34°00.94' N. lat., 120°24.82' W. long.;
- (36) 34°01.09' N. lat., 120°27.29' W. long.;
- (37) 34°00.96' N. lat., 120°28.09' W. long.;
- (38) 34°01.56' N. lat., 120°28.71' W. long.;
- (39) 34°01.80' N. lat., 120°28.31' W. long.;
- (40) 34°03.60' N. lat., 120°28.87' W. long.;
- (41) 34°05.20' N. lat., 120°29.38' W. long.;
- (42) 34°05.35' N. lat., 120°28.20' W. long.;
- (43) 34°05.30' N. lat., 120°27.33' W. long.;
- (44) 34°05.65' N. lat., 120°26.79' W. long.;
- (45) 34°05.69' N. lat., 120°25.82' W. long.;
- (46) 34°07.24' N. lat., 120°24.98' W. long.;
- (47) 34°06.00' N. lat., 120°23.30' W. long.;
- (48) 34°05.64' N. lat., 120°21.44' W. long.;

- (49) 34°03.61' N. lat., 120°18.40' W. long.;
- (50) 34°03.25' N. lat., 120°16.64' W. long.;
- (51) 34°04.33' N. lat., 120°14.22' W. long.;
- (52) 34°04.11' N. lat., 120°11.17' W. long.;
- (53) 34°03.72' N. lat., 120°09.93' W. long.;
- (54) 34°03.81' N. lat., 120°08.96' W. long.;
- (55) 34°03.36' N. lat., 120°06.52' W. long.;
- (56) 34°04.80' N. lat., 120°04.00' W. long.;
- (57) 34°03.48' N. lat., 120°01.75' W. long.;
- (58) 34°04.00' N. lat., 120°01.00' W. long.;
- (59) 34°03.99' N. lat., 120°00.15' W. long.;
- (60) 34°03.51' N. lat., 119°59.42' W. long.;
- (61) 34°03.79' N. lat., 119°58.15' W. long.;
- (62) 34°04.72' N. lat., 119°57.61' W. long.;
- (63) 34°05.14' N. lat., 119°55.17' W. long.;
- (64) 34°04.66' N. lat., 119°51.60' W. long.;
- (65) 34°03.79' N. lat., 119°48.86' W. long.;
- (66) 34°03.79' N. lat., 119°45.46' W. long.;
- (67) 34°03.27' N. lat., 119°44.17' W. long.;
- (68) 34°03.29' N. lat., 119°43.30' W. long.;
- (69) 34°01.71' N. lat., 119°40.83' W. long.;
- (70) 34°01.74' N. lat., 119°37.92' W. long.;
- (71) 34°02.07' N. lat., 119°37.17' W. long.;
- (72) 34°02.93' N. lat., 119°36.52' W. long.;
- (73) 34°03.48' N. lat., 119°35.50' W. long.;
- (74) 34°03.56' N. lat., 119°32.80' W. long.;
- (75) 34°02.72' N. lat., 119°31.84' W. long.;
- (76) 34°02.20' N. lat., 119°30.53' W. long.;
- (77) 34°01.49' N. lat., 119°30.20' W. long.;
- (78) 34°00.66' N. lat., 119°28.62' W. long.;
- (79) 34°00.66' N. lat., 119°27.57' W. long.;

- (80) 34°01.41' N. lat., 119°26.91' W. long.;
- (81) 34°00.91' N. lat., 119°24.28' W. long.;
- (82) 34°01.51' N. lat., 119°22.06' W. long.;
- (83) 34°01.41' N. lat., 119°20.61' W. long.; and
- (84) 34°00.98' N. lat., 119°20.46' W. long.

(i) The 30 fm (55 m) depth contour around San Clemente Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°02.98' N lat., 118°37.64' W long.;
- (2) 33°02.72' N. lat., 118°38.12' W. long.;
- (3) 33°02.18' N. lat., 118°37.46' W. long.;
- (4) 33°00.66' N. lat., 118°37.36' W. long.;
- (5) 33°00.08' N. lat., 118°36.94' W. long.;
- (6) 33°00.11' N. lat., 118°36.00' W. long.;
- (7) 32°58.02' N. lat., 118°35.41' W. long.;
- (8) 32°56.00' N. lat., 118°33.59' W. long.;
- (9) 32°54.79' N lat., 118°33.34' W long.;
- (10) 32°53.97' N. lat., 118°32.45' W. long.;
- (11) 32°51.18' N. lat., 118°30.83' W. long.;
- (12) 32°50.00' N. lat., 118°29.68' W. long.;
- (13) 32°49.72' N. lat., 118°28.33' W. long.;
- (14) 32°48.05' N lat., 118°26.81' W long.;
- (15) 32°47.30' N. lat., 118°25.73' W. long.;
- (16) 32°47.28' N. lat., 118°24.83' W. long.;
- (17) 32°48.12' N. lat., 118°24.33' W. long.;
- (18) 32°48.74' N. lat., 118°23.39' W. long.;
- (19) 32°48.69' N. lat., 118°21.75' W. long.;
- (20) 32°49.04' N lat., 118°20.71' W long.;
- (21) 32°50.28' N. lat., 118°21.90' W. long.;
- (22) 32°51.73' N. lat., 118°23.86' W. long.;
- (23) 32°52.79' N. lat., 118°25.08' W. long.;
- (24) 32°54.03' N. lat., 118°26.83' W. long.;
- (25) 32°54.70' N. lat., 118°27.55' W. long.;

- (26) 32°55.49' N. lat., 118°29.04' W. long.;
- (27) 32°59.58' N. lat., 118°32.51' W. long.;
- (28) 32°59.89' N. lat., 118°32.52' W. long.;
- (29) 33°00.29' N. lat., 118°32.73' W. long.;
- (30) 33°00.85' N. lat., 118°33.50' W. long.;
- (31) 33°01.70' N. lat., 118°33.64' W. long.;
- (32) 33°02.90' N. lat., 118°35.35' W. long.;
- (33) 33°02.61' N. lat., 118°36.96' W. long.; and
- (34) 33°02.98' N. lat., 118°37.64' W. long.;

(j) The 30 fm (55 m) depth contour around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°19.13' N. lat., 118°18.04' W. long.;
- (2) 33°18.32' N. lat., 118°18.20' W. long.;
- (3) 33°17.82' N. lat., 118°18.73' W. long.;
- (4) 33°17.54' N. lat., 118°19.52' W. long.;
- (5) 33°17.99' N. lat., 118°21.71' W. long.;
- (6) 33°18.48' N. lat., 118°22.82' W. long.;
- (7) 33°18.77' N. lat., 118°26.95' W. long.;
- (8) 33°19.69' N. lat., 118°28.87' W. long.;
- (9) 33°20.53' N. lat., 118°30.52' W. long.;
- (10) 33°20.46' N. lat., 118°31.47' W. long.;
- (11) 33°20.98' N. lat., 118°31.39' W. long.;
- (12) 33°20.81' N. lat., 118°30.49' W. long.;
- (13) 33°21.38' N. lat., 118°30.07' W. long.;
- (14) 33°23.12' N. lat., 118°29.31' W. long.;
- (15) 33°24.95' N. lat., 118°29.70' W. long.;
- (16) 33°25.39' N. lat., 118°30.50' W. long.;
- (17) 33°25.21' N. lat., 118°30.79' W. long.;
- (18) 33°25.65' N. lat., 118°31.60' W. long.;
- (19) 33°25.65' N. lat., 118°32.04' W. long.;
- (20) 33°25.94' N. lat., 118°32.96' W. long.;
- (21) 33°25.86' N. lat., 118°33.49' W. long.;



- (22) 33°26.06' N. lat., 118°34.12' W. long.;
- (23) 33°28.28' N. lat., 118°36.60' W. long.;
- (24) 33°28.83' N. lat., 118°36.42' W. long.;
- (25) 33°28.72' N. lat., 118°34.93' W. long.;
- (26) 33°28.71' N. lat., 118°33.61' W. long.;
- (27) 33°28.77' N. lat., 118°32.95' W. long.;
- (28) 33°28.73' N. lat., 118°32.07' W. long.;
- (29) 33°27.55' N. lat., 118°30.14' W. long.;
- (30) 33°27.58' N. lat., 118°29.51' W. long.;
- (31) 33°26.98' N. lat., 118°29.06' W. long.;
- (32) 33°26.96' N. lat., 118°28.58' W. long.;
- (33) 33°26.76' N. lat., 118°28.40' W. long.;
- (34) 33°26.52' N. lat., 118°27.66' W. long.;
- (35) 33°26.31' N. lat., 118°27.41' W. long.;
- (36) 33°25.09' N. lat., 118°23.13' W. long.;
- (37) 33°24.80' N. lat., 118°22.86' W. long.;
- (38) 33°24.60' N. lat., 118°22.02' W. long.;
- (39) 33°22.82' N. lat., 118°21.04' W. long.;
- (40) 33°20.21' N. lat., 118°18.50' W. long.;
- (41) 33°19.13' N. lat., 118°18.04' W. long.

(k) The 30 fm (55 m) depth contour around Santa Barbara Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°30.38' N. lat., 119°03.15' W. long.;
- (2) 33°29.64' N. lat., 119°00.58' W. long.;
- (3) 33°27.24' N. lat., 119°01.73' W. long.;
- (4) 33°27.76' N. lat., 119°03.48' W. long.;
- (5) 33°29.50' N. lat., 119°04.20' W. long.; and
- (6) 33°30.38' N. lat., 119°03.15' W. long.

(l) The 30 fm (55 m) depth contour around San Nicholas Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°18.39' N. lat., 119°38.87' W. long.;
- (2) 33°18.63' N. lat., 119°27.52' W. long.;

- (3) 33°15.24' N lat., 119°20.10' W long.;
  - (4) 33°13.27' N lat., 119°20.10' W long.;
  - (5) 33°12.16' N lat., 119°26.82' W long.;
  - (6) 33°13.20' N lat., 119°31.87' W. long.;
  - (7) 33°15.70' N lat., 119°38.87' W long.;
  - (8) 33°17.52' N lat., 119°40.15' W long.; and
  - (9) 33°18.39' N lat., 119°38.87' W long.
- (m) The 30 fm (55 m) depth contour around Tanner Bank off the state of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°43.02' N lat., 119°08.52' W long.;
  - (2) 32°41.81' N lat., 119°06.20' W long.;
  - (3) 32°40.67' N lat., 119°06.82' W long.;
  - (4) 32°41.62' N lat., 119°09.46' W long.; and
  - (5) 32°43.02' N lat., 119°08.52' W long.
- (n) The 30 fm (55 m) depth contour around Cortes Bank off the state of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°29.73' N lat., 119°12.95' W long.;
  - (2) 32°28.17' N lat., 119°07.04' W long.;
  - (3) 32°26.27' N lat., 119°04.14' W long.;
  - (4) 32°25.22' N lat., 119°04.77' W long.;
  - (5) 32°28.60' N lat., 119°14.15' W long.; and
  - (6) 32°29.73' N lat., 119°12.95' W long.
- (o) The 40-fm (73-m) depth contour between 46°16' N. lat. and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:
- (1) 46°16.00' N. lat., 124°16.10' W. long.;
  - (2) 46°15.29' N. lat., 124°15.60' W. long.;
  - (3) 46°11.90' N. lat., 124°13.59' W. long.;
  - (4) 46°06.94' N. lat., 124°10.15' W. long.;
  - (5) 46°05.33' N. lat., 124°08.30' W. long.;
  - (6) 45°58.69' N. lat., 124°05.60' W. long.;
  - (7) 45°57.71' N. lat., 124°05.81' W. long.;
  - (8) 45°53.98' N. lat., 124°05.05' W. long.;

- (9) 45°49.75' N. lat., 124°05.14' W. long.;
- (10) 45°47.87' N. lat., 124°05.16' W. long.;
- (11) 45°47.07' N. lat., 124°04.21' W. long.;
- (12) 45°46.00' N. lat., 124°04.49' W. long.;
- (13) 45°44.34' N. lat., 124°05.09' W. long.;
- (14) 45°40.64' N. lat., 124°04.90' W. long.;
- (15) 45°33.00' N. lat., 124°04.46' W. long.;
- (16) 45°32.27' N. lat., 124°04.74' W. long.;
- (17) 45°29.26' N. lat., 124°04.22' W. long.;
- (18) 45°20.25' N. lat., 124°04.67' W. long.;
- (19) 45°19.99' N. lat., 124°04.62' W. long.;
- (20) 45°17.50' N. lat., 124°04.91' W. long.;
- (21) 45°11.29' N. lat., 124°05.20' W. long.;
- (22) 45°05.80' N. lat., 124°05.40' W. long.;
- (23) 45°05.08' N. lat., 124°05.93' W. long.;
- (24) 45°03.83' N. lat., 124°06.47' W. long.;
- (25) 45°01.70' N. lat., 124°06.53' W. long.;
- (26) 44°58.75' N. lat., 124°07.14' W. long.;
- (27) 44°51.28' N. lat., 124°10.21' W. long.;
- (28) 44°49.49' N. lat., 124°10.90' W. long.;
- (29) 44°44.96' N. lat., 124°14.39' W. long.;
- (30) 44°43.44' N. lat., 124°14.78' W. long.;
- (31) 44°42.26' N. lat., 124°13.81' W. long.;
- (32) 44°41.68' N. lat., 124°15.38' W. long.;
- (33) 44°34.87' N. lat., 124°15.80' W. long.;
- (34) 44°33.74' N. lat., 124°14.44' W. long.;
- (35) 44°27.66' N. lat., 124°16.99' W. long.;
- (36) 44°19.13' N. lat., 124°19.22' W. long.;
- (37) 44°15.35' N. lat., 124°17.38' W. long.;
- (38) 44°14.38' N. lat., 124°17.78' W. long.;
- (39) 44°12.80' N. lat., 124°17.18' W. long.;

- (40) 44°09.23' N. lat., 124°15.96' W. long.;
- (41) 44°08.38' N. lat., 124°16.79' W. long.;
- (42) 44°08.30' N. lat., 124°16.75' W. long.;
- (43) 44°01.18' N. lat., 124°15.42' W. long.;
- (44) 43°51.61' N. lat., 124°14.68' W. long.;
- (45) 43°42.66' N. lat., 124°15.46' W. long.;
- (46) 43°40.49' N. lat., 124°15.74' W. long.;
- (47) 43°38.77' N. lat., 124°15.64' W. long.;
- (48) 43°34.52' N. lat., 124°16.73' W. long.;
- (49) 43°28.82' N. lat., 124°19.52' W. long.;
- (50) 43°23.91' N. lat., 124°24.28' W. long.;
- (51) 43°20.83' N. lat., 124°26.63' W. long.;
- (52) 43°17.96' N. lat., 124°28.81' W. long.;
- (53) 43°16.75' N. lat., 124°28.42' W. long.;
- (54) 43°13.97' N. lat., 124°31.99' W. long.;
- (55) 43°13.72' N. lat., 124°33.25' W. long.;
- (56) 43°12.26' N. lat., 124°34.16' W. long.;
- (57) 43°10.96' N. lat., 124°32.33' W. long.;
- (58) 43°05.65' N. lat., 124°31.52' W. long.;
- (59) 42°59.66' N. lat., 124°32.58' W. long.;
- (60) 42°54.97' N. lat., 124°36.99' W. long.;
- (61) 42°53.81' N. lat., 124°38.57' W. long.;
- (62) 42°50.00' N. lat., 124°39.68' W. long.;
- (63) 42°49.13' N. lat., 124°39.70' W. long.;
- (64) 42°46.47' N. lat., 124°38.89' W. long.;
- (65) 42°45.74' N. lat., 124°38.86' W. long.;
- (66) 42°44.79' N. lat., 124°37.96' W. long.;
- (67) 42°45.01' N. lat., 124°36.39' W. long.;
- (68) 42°44.14' N. lat., 124°35.17' W. long.;
- (69) 42°42.14' N. lat., 124°32.82' W. long.;
- (70) 42°40.50' N. lat., 124°31.98' W. long.;

- (71) 42°38.81' N. lat., 124°31.09' W. long.;
- (72) 42°35.91' N. lat., 124°31.02' W. long.;
- (73) 42°31.34' N. lat., 124°34.84' W. long.;
- (74) 42°28.13' N. lat., 124°34.84' W. long.;
- (75) 42°26.74' N. lat., 124°35.59' W. long.;
- (76) 42°23.84' N. lat., 124°34.06' W. long.;
- (77) 42°21.68' N. lat., 124°30.64' W. long.;
- (78) 42°19.62' N. lat., 124°29.02' W. long.;
- (79) 42°15.01' N. lat., 124°27.72' W. long.;
- (80) 42°13.67' N. lat., 124°26.93' W. long.;
- (81) 42°11.38' N. lat., 124°25.63' W. long.;
- (82) 42°04.66' N. lat., 124°24.40' W. long.;
- (83) 42°00.00' N. lat., 124°23.55' W. long.;
- (84) 41°51.35' N. lat., 124°25.25' W. long.;
- (85) 41°44.10' N. lat., 124°19.05' W. long.;
- (86) 41°38.00' N. lat., 124°20.04' W. long.;
- (87) 41°18.43' N. lat., 124°13.48' W. long.;
- (88) 40°55.12' N. lat., 124°16.33' W. long.;
- (89) 40°41.00' N. lat., 124°27.66' W. long.;
- (90) 40°36.71' N. lat., 124°27.15' W. long.;
- (91) 40°32.81' N. lat., 124°29.42' W. long.;
- (92) 40°30.00' N. lat., 124°32.38' W. long.;
- (93) 40°29.13' N. lat., 124°33.23' W. long.;
- (94) 40°24.55' N. lat., 124°30.40' W. long.;
- (95) 40°22.41' N. lat., 124°24.19' W. long.;
- (96) 40°19.67' N. lat., 124°25.52' W. long.;
- (97) 40°18.71' N. lat., 124°22.63' W. long.;
- (98) 40°15.21' N. lat., 124°24.53' W. long.;
- (99) 40°12.56' N. lat., 124°22.69' W. long.;
- (100) 40°10.00' N. lat., 124°17.84' W. long.;
- (101) 40°09.30' N. lat., 124°15.68' W. long.;

- (102) 40°08.31' N. lat., 124°15.17' W. long.;
- (103) 40°05.62' N. lat., 124°09.80' W. long.;
- (104) 40°06.57' N. lat., 124°07.99' W. long.;
- (105) 40°00.86' N. lat., 124°08.42' W. long.;
- (106) 39°54.79' N. lat., 124°05.25' W. long.;
- (107) 39°52.75' N. lat., 124°02.62' W. long.;
- (108) 39°52.51' N. lat., 123°58.15' W. long.;
- (109) 39°49.64' N. lat., 123°54.98' W. long.;
- (110) 39°41.46' N. lat., 123°50.65' W. long.;
- (111) 39°34.57' N. lat., 123°49.24' W. long.;
- (112) 39°22.63' N. lat., 123°51.03' W. long.;
- (113) 39°11.86' N. lat., 123°48.83' W. long.;
- (114) 39°04.58' N. lat., 123°45.43' W. long.;
- (115) 39°00.45' N. lat., 123°47.58' W. long.;
- (116) 38°57.50' N. lat., 123°47.27' W. long.;
- (117) 38°55.82' N. lat., 123°46.97' W. long.;
- (118) 38°52.26' N. lat., 123°44.35' W. long.;
- (119) 38°45.41' N. lat., 123°35.67' W. long.;
- (120) 38°40.60' N. lat., 123°28.22' W. long.;
- (121) 38°30.57' N. lat., 123°18.60' W. long.;
- (122) 38°21.64' N. lat., 123°08.91' W. long.;
- (123) 38°12.01' N. lat., 123°03.86' W. long.;
- (124) 38°06.16' N. lat., 123°07.01' W. long.;
- (125) 38°00.00' N. lat., 123°07.05' W. long.;
- (126) 37°51.73' N. lat., 122°57.97' W. long.;
- (127) 37°47.96' N. lat., 122°59.34' W. long.;
- (128) 37°47.37' N. lat., 123°08.84' W. long.;
- (129) 37°48.22' N. lat., 123°10.62' W. long.;
- (130) 37°47.53' N. lat., 123°11.54' W. long.;
- (131) 37°39.91' N. lat., 123°00.84' W. long.;
- (132) 37°38.75' N. lat., 122°52.16' W. long.;

- (133) 37°35.67' N. lat., 122°49.47' W. long.;
- (134) 37°25.00' N. lat., 122°38.66' W. long.;
- (135) 37°20.68' N. lat., 122°36.79' W. long.;
- (136) 37°20.24' N. lat., 122°33.82' W. long.;
- (137) 37°11.00' N. lat., 122°28.50' W. long.;
- (138) 37°07.00' N. lat., 122°26.26' W. long.;
- (139) 36°52.04' N. lat., 122°04.60' W. long.;
- (140) 36°52.00' N. lat., 121°57.41' W. long.;
- (141) 36°49.26' N. lat., 121°52.53' W. long.;
- (142) 36°49.22' N. lat., 121°49.85' W. long.;
- (143) 36°47.87' N. lat., 121°50.15' W. long.;
- (144) 36°48.07' N. lat., 121°48.21' W. long.;
- (145) 36°45.93' N. lat., 121°52.11' W. long.;
- (146) 36°40.55' N. lat., 121°52.59' W. long.;
- (147) 36°38.93' N. lat., 121°58.17' W. long.;
- (148) 36°36.54' N. lat., 122°00.18' W. long.;
- (149) 36°32.96' N. lat., 121°58.84' W. long.;
- (150) 36°33.14' N. lat., 121°57.56' W. long.;
- (151) 36°31.81' N. lat., 121°55.86' W. long.;
- (152) 36°31.53' N. lat., 121°58.09' W. long.;
- (153) 36°23.28' N. lat., 121°56.10' W. long.;
- (154) 36°18.40' N. lat., 121°57.93' W. long.;
- (155) 36°16.80' N. lat., 121°59.97' W. long.;
- (156) 36°15.00' N. lat., 121°55.95' W. long.;
- (157) 36°15.00' N. lat., 121°54.41' W. long.;
- (158) 36°11.06' N. lat., 121°43.10' W. long.;
- (159) 36°02.85' N. lat., 121°36.21' W. long.;
- (160) 36°01.22' N. lat., 121°36.36' W. long.;
- (161) 36°00.00' N. lat., 121°34.73' W. long.;
- (162) 35°58.67' N. lat., 121°30.68' W. long.;
- (163) 35°54.16' N. lat., 121°30.21' W. long.;

- (164) 35°46.98' N. lat., 121°24.02' W. long.;
- (165) 35°40.75' N. lat., 121°21.89' W. long.;
- (166) 35°34.36' N. lat., 121°11.07' W. long.;
- (167) 35°29.30' N. lat., 121°05.74' W. long.;
- (168) 35°22.15' N. lat., 120°56.15' W. long.;
- (169) 35°14.93' N. lat., 120°56.37' W. long.;
- (170) 35°04.06' N. lat., 120°46.35' W. long.;
- (171) 34°45.85' N. lat., 120°43.96' W. long.;
- (172) 34°37.80' N. lat., 120°44.44' W. long.;
- (173) 34°32.82' N. lat., 120°42.08' W. long.;
- (174) 34°27.00' N. lat., 120°31.27' W. long.;
- (175) 34°24.25' N. lat., 120°23.33' W. long.;
- (176) 34°26.48' N. lat., 120°13.93' W. long.;
- (177) 34°25.12' N. lat., 120°03.46' W. long.;
- (178) 34°17.58' N. lat., 119°31.62' W. long.;
- (179) 34°11.49' N. lat., 119°27.30' W. long.;
- (180) 34°05.59' N. lat., 119°15.52' W. long.;
- (181) 34°08.23' N. lat., 119°13.21' W. long.;
- (182) 34°04.81' N. lat., 119°13.44' W. long.;
- (183) 34°04.26' N. lat., 119°12.39' W. long.;
- (184) 34°03.89' N. lat., 119°07.06' W. long.;
- (185) 34°05.14' N. lat., 119°05.55' W. long.;
- (186) 34°01.27' N. lat., 118°59.62' W. long.;
- (187) 33°59.56' N. lat., 118°48.21' W. long.;
- (188) 33°59.30' N. lat., 118°35.43' W. long.;
- (189) 33°55.14' N. lat., 118°32.16' W. long.;
- (190) 33°52.95' N. lat., 118°34.49' W. long.;
- (191) 33°51.07' N. lat., 118°31.50' W. long.;
- (192) 33°52.45' N. lat., 118°28.54' W. long.;
- (193) 33°49.87' N. lat., 118° 24.15' W. long.;
- (194) 33°47.14' N. lat., 118°28.38' W. long.;



- (195) 33°44.14' N. lat., 118°25.18' W. long.;
- (196) 33°41.54' N. lat., 118°19.63' W. long.;
- (197) 33°37.86' N. lat., 118°15.06' W. long.;
- (198) 33°36.58' N. lat., 118°15.97' W. long.;
- (199) 33°34.78' N. lat., 118°12.60' W. long.;
- (200) 33°34.46' N. lat., 118°08.77' W. long.;
- (201) 33°35.92' N. lat., 118°07.04' W. long.;
- (202) 33°36.06' N. lat., 118°03.96' W. long.;
- (203) 33°34.98' N. lat., 118°02.74' W. long.;
- (204) 33°34.03' N. lat., 117°59.37' W. long.;
- (205) 33°35.46' N. lat., 117°55.61' W. long.;
- (206) 33°34.97' N. lat., 117°53.33' W. long.;
- (207) 33°31.20' N. lat., 117°47.40' W. long.;
- (208) 33°27.26' N. lat., 117°44.34' W. long.;
- (209) 33°24.84' N. lat., 117°40.75' W. long.;
- (210) 33°11.45' N. lat., 117°26.84' W. long.;
- (211) 33°07.59' N. lat., 117°21.46' W. long.;
- (212) 33°01.74' N. lat., 117°19.23' W. long.;
- (213) 32°56.44' N. lat., 117°18.08' W. long.;
- (214) 32°54.63' N. lat., 117°16.94' W. long.;
- (215) 32°51.90' N. lat., 117°16.32' W. long.;
- (216) 32°52.11' N. lat., 117°19.33' W. long.;
- (217) 32°46.91' N. lat., 117°20.43' W. long.;
- (218) 32°43.49' N. lat., 117°18.12' W. long.; and
- (219) 32°33.33' N. lat., 117°16.45' W. long.

(p) The 40 fm (73 m) depth contour around the northern Channel Islands off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 34°07.88' N. lat., 120°27.79' W. long.;
- (2) 34°07.45' N. lat., 120°28.26' W. long.;
- (3) 34°07.03' N. lat., 120°27.29' W. long.;
- (4) 34°06.19' N. lat., 120°28.81' W. long.;
- (5) 34°06.44' N. lat., 120°31.17' W. long.;

- (6) 34°05.81' N. lat., 120°31.97' W. long.;
- (7) 34°03.51' N. lat., 120°29.61' W. long.;
- (8) 34°01.56' N. lat., 120°28.83' W. long.;
- (9) 34°00.81' N. lat., 120°27.94' W. long.;
- (10) 33°59.26' N. lat., 120°17.95' W. long.;
- (11) 33°54.71' N. lat., 120°12.72' W. long.;
- (12) 33°51.61' N. lat., 120°02.49' W. long.;
- (13) 33°51.68' N. lat., 119°59.41' W. long.;
- (14) 33°52.71' N. lat., 119°57.25' W. long.;
- (15) 33°55.83' N. lat., 119°55.92' W. long.;
- (16) 33°59.64' N. lat., 119°56.03' W. long.;
- (17) 33°56.30' N. lat., 119°48.63' W. long.;
- (18) 33°56.77' N. lat., 119°41.87' W. long.;
- (19) 33°58.54' N. lat., 119°34.98' W. long.;
- (20) 33°59.52' N. lat., 119°24.69' W. long.;
- (21) 34°00.24' N. lat., 119°21.00' W. long.;
- (22) 34°02.00' N. lat., 119°19.57' W. long.;
- (23) 34°01.29' N. lat., 119°23.92' W. long.;
- (24) 34°01.95' N. lat., 119°28.94' W. long.;
- (25) 34°03.90' N. lat., 119°33.43' W. long.;
- (26) 34°03.31' N. lat., 119°36.51' W. long.;
- (27) 34°02.13' N. lat., 119°37.99' W. long.;
- (28) 34°01.96' N. lat., 119°40.35' W. long.;
- (29) 34°03.52' N. lat., 119°43.22' W. long.;
- (30) 34°04.03' N. lat., 119°45.66' W. long.;
- (31) 34°04.03' N. lat., 119°48.13' W. long.;
- (32) 34°05.15' N. lat., 119°52.97' W. long.;
- (33) 34°05.47' N. lat., 119°57.55' W. long.;
- (34) 34°04.43' N. lat., 120°02.29' W. long.;
- (35) 34°05.64' N. lat., 120°04.05' W. long.;
- (36) 34°04.16' N. lat., 120°07.60' W. long.;

- (37) 34°05.04' N. lat., 120°12.78' W. long.;
- (38) 34°04.45' N. lat., 120°17.78' W. long.;
- (39) 34°07.37' N. lat., 120°24.14' W. long.; and
- (40) 34°07.88' N. lat., 120°27.79' W. long.

(q) The 40 fm (73 m) depth contour around San Clemente Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°02.94' N. lat., 118°38.42' W. long.;
- (2) 33°01.79' N. lat., 118°37.67' W. long.;
- (3) 33°00.47' N. lat., 118°37.65' W. long.;
- (4) 32°59.64' N. lat., 118°37.04' W. long.;
- (5) 32°59.81' N. lat., 118°36.37' W. long.;
- (6) 32°57.84' N. lat., 118°35.67' W. long.;
- (7) 32°55.89' N. lat., 118°33.88' W. long.;
- (8) 32° 54.78' N lat., 118°33.44' W long.;
- (9) 32°53.75' N. lat., 118°32.47' W. long.;
- (10) 32°50.36' N. lat., 118°30.50' W. long.;
- (11) 32°49.78' N. lat., 118°29.65' W. long.;
- (12) 32°49.70' N. lat., 118°28.96' W. long.;
- (13) 32°46.79' N. lat., 118°25.60' W. long.;
- (14) 32°45.53' N lat., 118°24.82' W long.;
- (15) 32°45.94' N. lat., 118°24.12' W. long.;
- (16) 32°46.85' N. lat., 118°24.79' W. long.;
- (17) 32°48.49' N. lat., 118°23.25' W. long.;
- (18) 32°48.80' N. lat., 118°20.52' W. long.;
- (19) 32°49.70' N lat., 118°21.04' W long.;
- (20) 32°55.04' N. lat., 118°27.97' W. long.;
- (21) 32°55.48' N. lat., 118°29.01' W. long.;
- (22) 33°00.35' N. lat., 118°32.61' W. long.;
- (23) 33°01.79' N. lat., 118°33.66' W. long.;
- (24) 33°02.98' N lat., 118°35.40' W long.;
- (25) 33°03.36' N lat., 118°37.57' W long.; and
- (26) 33°02.94' N. lat., 118°38.42' W. long.

(r) The 40 fm (73 m) depth contour around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°28.90' N. lat., 118°36.43' W. long.;
- (2) 33°28.49' N. lat., 118°36.70' W. long.;
- (3) 33°28.02' N. lat., 118°36.70' W. long.;
- (4) 33°25.81' N. lat., 118°33.95' W. long.;
- (5) 33°25.78' N. lat., 118°32.94' W. long.;
- (6) 33°24.77' N. lat., 118°29.99' W. long.;
- (7) 33°23.19' N. lat., 118°29.61' W. long.;
- (8) 33°20.88' N. lat., 118°30.54' W. long.;
- (9) 33°21.06' N. lat., 118°31.52' W. long.;
- (10) 33°20.43' N. lat., 118°31.62' W. long.;
- (11) 33°20.45' N. lat., 118°30.46' W. long.;
- (12) 33°18.71' N. lat., 118°27.64' W. long.;
- (13) 33°17.36' N. lat., 118°18.75' W. long.;
- (14) 33°19.17' N. lat., 118°17.56' W. long.;
- (15) 33°22.24' N. lat., 118°19.99' W. long.;
- (16) 33°23.31' N. lat., 118°20.45' W. long.;
- (17) 33°24.71' N. lat., 118°22.13' W. long.;
- (18) 33°25.27' N. lat., 118°23.30' W. long.;
- (19) 33°26.73' N. lat., 118°28.00' W. long.;
- (20) 33°27.91' N. lat., 118°29.93' W. long.;
- (21) 33°28.79' N. lat., 118°32.16' W. long.; and
- (22) 33°28.90' N. lat., 118°36.43' W. long.

(s) The 40 fm (73 m) depth contour around Santa Barbara Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°30.87' N. lat., 119°02.43' W. long.;
- (2) 33°29.87' N. lat., 119°00.34' W. long.;
- (3) 33°27.08' N. lat., 119°01.65' W. long.;
- (4) 33°27.64' N. lat., 119°03.45' W. long.;
- (5) 33°29.12' N. lat., 119°04.55' W. long.;
- (6) 33°29.66' N. lat., 119°05.49' W. long.; and

(7) 33°30.87' N lat., 119°02.43' W long.

(t) The 40 fm (73 m) depth contour around Tanner Bank off the state of California is defined by straight lines connecting all of the following points in the order stated:

(1) 32°43.40' N lat., 119°08.56' W long.;

(2) 32°41.36' N lat., 119°05.02' W long.;

(3) 32°40.07' N lat., 119°05.59' W long.;

(4) 32°41.51' N lat., 119°09.76' W long.; and

(5) 32°43.40' N lat., 119°08.56' W long.

(u) The 40 fm (73 m) depth contour around San Nicholas Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

(1) 33°19.30' N lat., 119°41.05' W long.;

(2) 33°19.42' N lat., 119°27.88' W long.;

(3) 33°14.31' N lat., 119°17.48' W long.;

(4) 33°12.90' N lat., 119°17.64' W long.;

(5) 33°11.89' N lat., 119°27.26' W long.;

(6) 33°12.19' N lat., 119°29.96' W long.;

(7) 33°15.42' N lat., 119°39.14' W long.;

(8) 33°17.58' N lat., 119°41.38' W long.; and

(9) 33°19.30' N lat., 119°41.05' W long.

(v) The 40 fm (73 m) depth contour around Cortes Bank off the state of California is defined by straight lines connecting all of the following points in the order stated:

(1) 32°30.00' N lat., 119°12.98' W long.;

(2) 32°28.33' N lat., 119°06.81' W long.;

(3) 32°25.69' N lat., 119°03.21' W long.;

(4) 32°24.66' N lat., 119°03.83' W long.;

(5) 32°28.48' N lat., 119°14.66' W long.; and

(6) 32°30.00' N lat., 119°12.98' W long.

[69 FR 77042, Dec. 23, 2004, as amended at 70 FR 16149, Mar. 30, 2005; 71 FR 8498, Feb. 17, 2006; 71 FR 78665, Dec. 29, 2006; 72 FR 13045, Mar. 20, 2007; 74 FR 9893, Mar. 6, 2009. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 27530, May 11, 2011; 77 FR 55155, Sept. 7, 2012; 82 FR 9640, Feb. 7, 2017; 83 FR 63991, Dec. 12, 2018; 84 FR 63974, Nov. 19, 2019; 85 FR 79893, Dec. 11, 2020; 87 FR 77015, Dec. 16, 2022; 88 FR 12867, Mar. 1, 2023]

**§ 660.72 Latitude/longitude coordinates defining the 50 fm (91 m) through 75 fm (137 m) depth contours.**

Boundaries for some GCAs are defined by straight lines connecting a series of latitude/longitude coordinates. This section provides coordinates for the 50 fm (91 m) through 75 fm (137 m) depth contours.

(a) The 50-fm (91-m) depth contour between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°22.15' N. lat., 124°43.15' W. long.;
- (2) 48°22.15' N. lat., 124°49.10' W. long.;
- (3) 48°20.03' N. lat., 124°51.18' W. long.;
- (4) 48°16.61' N. lat., 124°53.72' W. long.;
- (5) 48°14.68' N. lat., 124°54.50' W. long.;
- (6) 48°12.02' N. lat., 124°55.29' W. long.;
- (7) 48°10.00' N. lat., 124°55.68' W. long.;
- (8) 48°03.14' N. lat., 124°57.02' W. long.;
- (9) 47°56.05' N. lat., 124°55.60' W. long.;
- (10) 47°52.58' N. lat., 124°54.00' W. long.;
- (11) 47°50.18' N. lat., 124°52.36' W. long.;
- (12) 47°45.34' N. lat., 124°51.07' W. long.;
- (13) 47°40.96' N. lat., 124°48.84' W. long.;
- (14) 47°34.59' N. lat., 124°46.24' W. long.;
- (15) 47°27.86' N. lat., 124°42.12' W. long.;
- (16) 47°22.34' N. lat., 124°39.43' W. long.;
- (17) 47°17.66' N. lat., 124°38.75' W. long.;
- (18) 47°06.25' N. lat., 124°39.74' W. long.;
- (19) 47°00.43' N. lat., 124°38.01' W. long.;
- (20) 46°52.00' N. lat., 124°32.44' W. long.;
- (21) 46°38.17' N. lat., 124°26.66' W. long.;
- (22) 46°35.41' N. lat., 124°25.51' W. long.;
- (23) 46°25.43' N. lat., 124°23.46' W. long.;
- (24) 46°16.00' N. lat., 124°17.32' W. long.;
- (25) 45°50.88' N. lat., 124°09.68' W. long.;
- (26) 45°46.00' N. lat., 124°09.39' W. long.;

- (27) 45°20.25' N. lat., 124°07.34' W. long.;
- (28) 45°12.99' N. lat., 124°06.71' W. long.;
- (29) 45°03.83' N. lat., 124°09.17' W. long.;
- (30) 44°52.48' N. lat., 124°11.22' W. long.;
- (31) 44°42.41' N. lat., 124°19.70' W. long.;
- (32) 44°38.80' N. lat., 124°26.58' W. long.;
- (33) 44°23.39' N. lat., 124°31.70' W. long.;
- (34) 44°20.30' N. lat., 124°38.72' W. long.;
- (35) 44°13.52' N. lat., 124°40.45' W. long.;
- (36) 44°18.80' N. lat., 124°35.48' W. long.;
- (37) 44°19.62' N. lat., 124°27.18' W. long.;
- (38) 44°08.30' N. lat., 124°22.17' W. long.;
- (39) 43°56.65' N. lat., 124°16.86' W. long.;
- (40) 43°34.95' N. lat., 124°17.47' W. long.;
- (41) 43°20.83' N. lat., 124°29.11' W. long.;
- (42) 43°12.60' N. lat., 124°35.80' W. long.;
- (43) 43°08.96' N. lat., 124°33.77' W. long.;
- (44) 42°59.66' N. lat., 124°34.79' W. long.;
- (45) 42°54.29' N. lat., 124°39.46' W. long.;
- (46) 42°50.00' N. lat., 124°39.84' W. long.;
- (47) 42°46.50' N. lat., 124°39.99' W. long.;
- (48) 42°41.00' N. lat., 124°34.92' W. long.;
- (49) 42°40.50' N. lat., 124°34.98' W. long.;
- (50) 42°36.29' N. lat., 124°34.70' W. long.;
- (51) 42°28.36' N. lat., 124°37.90' W. long.;
- (52) 42°25.53' N. lat., 124°37.68' W. long.;
- (53) 42°18.64' N. lat., 124°29.47' W. long.;
- (54) 42°13.67' N. lat., 124°27.67' W. long.;
- (55) 42°03.04' N. lat., 124°25.81' W. long.;
- (56) 42°00.00' N. lat., 124°26.21' W. long.;
- (57) 41°57.60' N. lat., 124°27.35' W. long.;

- (58) 41°52.53' N. lat., 124°26.51' W. long.;
- (59) 41°50.17' N. lat., 124°25.63' W. long.;
- (60) 41°46.01' N. lat., 124°22.16' W. long.;
- (61) 41°26.50' N. lat., 124°21.78' W. long.;
- (62) 41°15.66' N. lat., 124°16.42' W. long.;
- (63) 41°05.45' N. lat., 124°16.89' W. long.;
- (64) 40°54.55' N. lat., 124°19.53' W. long.;
- (65) 40°42.22' N. lat., 124°28.29' W. long.;
- (66) 40°39.68' N. lat., 124°28.37' W. long.;
- (67) 40°36.76' N. lat., 124°27.39' W. long.;
- (68) 40°34.44' N. lat., 124°28.89' W. long.;
- (69) 40°32.57' N. lat., 124°32.43' W. long.;
- (70) 40°30.95' N. lat., 124°33.87' W. long.;
- (71) 40°30.00' N. lat., 124°34.18' W. long.;
- (72) 40°28.90' N. lat., 124°34.59' W. long.;
- (73) 40°24.36' N. lat., 124°31.42' W. long.;
- (74) 40°23.71' N. lat., 124°28.32' W. long.;
- (75) 40°22.53' N. lat., 124°24.67' W. long.;
- (76) 40°21.52' N. lat., 124°24.86' W. long.;
- (77) 40°21.25' N. lat., 124°25.59' W. long.;
- (78) 40°20.63' N. lat., 124°26.47' W. long.;
- (79) 40°19.18' N. lat., 124°25.98' W. long.;
- (80) 40°18.42' N. lat., 124°24.77' W. long.;
- (81) 40°18.64' N. lat., 124°22.81' W. long.;
- (82) 40°15.31' N. lat., 124°25.28' W. long.;
- (83) 40°15.37' N. lat., 124°26.82' W. long.;
- (84) 40°11.91' N. lat., 124°22.68' W. long.;
- (85) 40°10.00' N. lat., 124°19.97' W. long.;
- (86) 40°09.20' N. lat., 124°15.81' W. long.;
- (87) 40°07.51' N. lat., 124°15.29' W. long.;
- (88) 40°05.22' N. lat., 124°10.06' W. long.;



- (89) 40°06.51' N. lat., 124°08.01' W. long.;
- (90) 40°00.72' N. lat., 124°08.45' W. long.;
- (91) 39°56.60' N. lat., 124°07.12' W. long.;
- (92) 39°52.58' N. lat., 124°03.57' W. long.;
- (93) 39°50.65' N. lat., 123°57.98' W. long.;
- (94) 39°40.16' N. lat., 123°52.41' W. long.;
- (95) 39°30.12' N. lat., 123°52.92' W. long.;
- (96) 39°24.53' N. lat., 123°55.16' W. long.;
- (97) 39°11.58' N. lat., 123°50.93' W. long.;
- (98) 38°57.50' N. lat., 123°51.10' W. long.;
- (99) 38°55.13' N. lat., 123°51.14' W. long.;
- (100) 38°28.58' N. lat., 123°22.84' W. long.;
- (101) 38°14.60' N. lat., 123°09.92' W. long.;
- (102) 38°01.84' N. lat., 123°09.75' W. long.;
- (103) 38°00.00' N. lat., 123°09.25' W. long.;
- (104) 37°55.24' N. lat., 123°08.30' W. long.;
- (105) 37°52.06' N. lat., 123°09.19' W. long.;
- (106) 37°49.84' N. lat., 123°16.05' W. long.;
- (107) 37°35.67' N. lat., 122°55.43' W. long.;
- (108) 37°11.00' N. lat., 122°31.67' W. long.;
- (109) 37°07.00' N. lat., 122°28.00' W. long.;
- (110) 37°03.06' N. lat., 122°24.22' W. long.;
- (111) 36°50.20' N. lat., 122°03.58' W. long.;
- (112) 36°51.46' N. lat., 121°57.54' W. long.;
- (113) 36°48.53' N. lat., 121°57.84' W. long.;
- (114) 36°48.91' N. lat., 121°49.92' W. long.;
- (115) 36°36.82' N. lat., 122°00.66' W. long.;
- (116) 36°32.89' N. lat., 121°58.85' W. long.;
- (117) 36°33.10' N. lat., 121°57.56' W. long.;
- (118) 36°31.82' N. lat., 121°55.96' W. long.;
- (119) 36°31.57' N. lat., 121°58.15' W. long.;

- (120) 36°23.15' N. lat., 121°57.12' W. long.;
- (121) 36°18.40' N. lat., 121°58.97' W. long.;
- (122) 36°18.40' N. lat., 122°00.35' W. long.;
- (123) 36°16.02' N. lat., 122°00.35' W. long.;
- (124) 36°15.00' N. lat., 121°58.53' W. long.;
- (125) 36°15.00' N. lat., 121°56.53' W. long.;
- (126) 36°14.79' N. lat., 121°54.41' W. long.;
- (127) 36°10.41' N. lat., 121°42.88' W. long.;
- (128) 36°02.56' N. lat., 121°36.37' W. long.;
- (129) 36°01.11' N. lat., 121°36.39' W. long.;
- (130) 36°00.00' N. lat., 121°34.95' W. long.;
- (131) 35°58.26' N. lat., 121°32.88' W. long.;
- (132) 35°40.44' N. lat., 121° 22.43' W. long.;
- (133) 35°27.11' N. lat., 121°03.55' W. long.;
- (134) 35°14.91' N. lat., 120°56.67' W. long.;
- (135) 35°01.43' N. lat., 120°48.01' W. long.;
- (136) 34°37.98' N. lat., 120°46.48' W. long.;
- (137) 34°32.98' N. lat., 120°43.34' W. long.;
- (138) 34°27.00' N. lat., 120°33.31' W. long.;
- (139) 34°23.47' N. lat., 120°24.76' W. long.;
- (140) 34°25.78' N. lat., 120°16.82' W. long.;
- (141) 34°24.65' N. lat., 120°04.83' W. long.;
- (142) 34°23.18' N. lat., 119°56.18' W. long.;
- (143) 34°19.20' N. lat., 119°41.64' W. long.;
- (144) 34°16.82' N. lat., 119°35.32' W. long.;
- (145) 34°13.43' N. lat., 119°32.29' W. long.;
- (146) 34°05.39' N. lat., 119°15.13' W. long.;
- (147) 34°07.83' N. lat., 119°13.48' W. long.;
- (148) 34°07.71' N. lat., 119°13.29' W. long.;
- (149) 34°04.56' N. lat., 119°13.73' W. long.;
- (150) 34°03.90' N. lat., 119°12.66' W. long.;

- (151) 34°03.66' N. lat., 119°06.82' W. long.;
- (152) 34°04.58' N. lat., 119°04.91' W. long.;
- (153) 34°01.28' N. lat., 119°00.21' W. long.;
- (154) 34°00.19' N. lat., 119°03.14' W. long.;
- (155) 33°59.66' N. lat., 119°03.10' W. long.;
- (156) 33°59.54' N. lat., 119°00.88' W. long.;
- (157) 34°00.82' N. lat., 118°59.03' W. long.;
- (158) 33°59.11' N. lat., 118°47.52' W. long.;
- (159) 33°59.07' N. lat., 118°36.33' W. long.;
- (160) 33°55.06' N. lat., 118°32.86' W. long.;
- (161) 33°53.56' N. lat., 118°37.75' W. long.;
- (162) 33°51.33' N lat., 118°36.00' W long.;
- (163) 33°50.48' N. lat., 118°32.16' W. long.;
- (164) 33°51.86' N. lat., 118°28.71' W. long.;
- (165) 33°50.09' N. lat., 118°27.88' W. long.;
- (166) 33°49.95' N. lat., 118°26.38' W. long.;
- (167) 33°50.73' N. lat., 118°26.17' W. long.;
- (168) 33°49.86' N. lat., 118°24.25' W. long.;
- (169) 33°48.25' N lat., 118°26.97' W long.;
- (170) 33°47.54' N. lat., 118°29.66' W. long.;
- (171) 33°44.11' N lat., 118°25.23' W long.;
- (172) 33°41.78' N. lat., 118°20.28' W. long.;
- (173) 33°38.16' N lat., 118°15.65' W long.;
- (174) 33°37.47' N lat., 118° 16.62' W long.;
- (175) 33°35.98' N. lat., 118°16.54' W. long.;
- (176) 33°34.15' N. lat., 118°11.22' W. long.;
- (177) 33°34.29' N. lat., 118°08.35' W. long.;
- (178) 33°35.53' N. lat., 118°06.66' W. long.;
- (179) 33°35.93' N. lat., 118°04.78' W. long.;
- (180) 33°34.97' N. lat., 118°02.91' W. long.;
- (181) 33°33.84' N. lat., 117°59.77' W. long.;

- (182) 33°35.33' N. lat., 117°55.89' W. long.;
- (183) 33°35.05' N. lat., 117°53.72' W. long.;
- (184) 33°31.32' N. lat., 117°48.01' W. long.;
- (185) 33°27.99' N. lat., 117°45.19' W. long.;
- (186) 33°26.93' N. lat., 117°44.24' W. long.;
- (187) 33°25.46' N. lat., 117°42.06' W. long.;
- (188) 33°18.45' N. lat., 117°35.73' W. long.;
- (189) 33°10.29' N. lat., 117°25.68' W. long.;
- (190) 33°07.47' N. lat., 117°21.62' W. long.;
- (191) 33°04.47' N. lat., 117°21.24' W. long.;
- (192) 32°59.89' N. lat., 117°19.11' W. long.;
- (193) 32°57.41' N. lat., 117°18.64' W. long.;
- (194) 32°55.35' N. lat., 117°18.65' W. long.;
- (195) 32°54.43' N. lat., 117°16.93' W. long.;
- (196) 32°52.34' N. lat., 117°16.73' W. long.;
- (197) 32°52.64' N. lat., 117°17.76' W. long.;
- (198) 32°52.24' N. lat., 117°19.36' W. long.;
- (199) 32°47.06' N. lat., 117°21.92' W. long.;
- (200) 32°41.93' N. lat., 117°19.68' W. long.; and
- (201) 32°33.59' N. lat., 117°17.89' W. long.

(b) The 50-fm (91-m) depth contour around the Swiftsure Bank and along the U.S. border with Canada is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°30.15' N. lat., 124°56.12' W. long.;
- (2) 48°28.29' N. lat., 124°56.30' W. long.;
- (3) 48°29.23' N. lat., 124°53.63' W. long.;
- (4) 48°30.31' N. lat., 124°51.73' W. long.;

and connecting back to 48°30.15' N. lat., 124°56.12' W. long.

(c) The 50 fm (91 m) depth contour around the northern Channel Islands off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 34°08.40' N. lat., 120°33.78' W. long.;
- (2) 34°07.80' N. lat., 120°30.99' W. long.;
- (3) 34°08.42' N. lat., 120°27.92' W. long.;

- (4) 34°09.31' N. lat., 120°27.81' W. long.;
- (5) 34°05.85' N. lat., 120°17.13' W. long.;
- (6) 34°05.73' N. lat., 120°05.93' W. long.;
- (7) 34°06.14' N. lat., 120°04.86' W. long.;
- (8) 34°05.70' N. lat., 120°03.17' W. long.;
- (9) 34°05.67' N. lat., 119°58.98' W. long.;
- (10) 34°06.34' N. lat., 119°56.78' W. long.;
- (11) 34°05.57' N. lat., 119°51.35' W. long.;
- (12) 34°07.08' N. lat., 119°52.43' W. long.;
- (13) 34°04.49' N. lat., 119°35.55' W. long.;
- (14) 34°04.73' N. lat., 119°32.77' W. long.;
- (15) 34°02.02' N. lat., 119°19.18' W. long.;
- (16) 34°01.03' N. lat., 119°19.50' W. long.;
- (17) 33°59.45' N. lat., 119°22.38' W. long.;
- (18) 33°58.76' N. lat., 119°32.27' W. long.;
- (19) 33°56.43' N. lat., 119°41.13' W. long.;
- (20) 33°56.04' N. lat., 119°48.20' W. long.;
- (21) 33°57.32' N. lat., 119°51.96' W. long.;
- (22) 33°59.32' N. lat., 119°55.59' W. long.;
- (23) 33°57.52' N. lat., 119°55.19' W. long.;
- (24) 33°56.26' N. lat., 119°54.29' W. long.;
- (25) 33°54.30' N. lat., 119°54.83' W. long.;
- (26) 33°50.97' N. lat., 119°57.03' W. long.;
- (27) 33°50.25' N. lat., 120°00.00' W. long.;
- (28) 33°50.03' N. lat., 120°03.00' W. long.;
- (29) 33°51.06' N. lat., 120°03.73' W. long.;
- (30) 33°54.49' N. lat., 120°12.85' W. long.;
- (31) 33°58.90' N. lat., 120°20.15' W. long.;
- (32) 34°00.71' N. lat., 120°28.21' W. long.;
- (33) 34°02.47' N. lat., 120°30.00' W. long.;
- (34) 34°03.60' N. lat., 120°30.60' W. long.;

(35) 34°06.96' N. lat., 120°34.22' W. long.;

(36) 34°08.01' N. lat., 120°35.24' W. long.; and

(37) 34°08.40' N. lat., 120°33.78' W. long.

(d) The 50 fm (91 m) depth contour around San Clemente Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

(1) 33°03.73' N. lat., 118°36.98' W. long.;

(2) 33°02.53' N. lat., 118°34.25' W. long.;

(3) 32°55.51' N. lat., 118°28.92' W. long.;

(4) 32°54.99' N. lat., 118°27.72' W. long.;

(5) 32°49.73' N. lat., 118°20.99' W. long.;

(6) 32°48.55' N. lat., 118°20.24' W. long.;

(7) 32°47.92' N. lat., 118°22.45' W. long.;

(8) 32°45.25' N. lat., 118°24.59' W. long.;

(9) 32°50.23' N. lat., 118°30.80' W. long.;

(10) 32°55.28' N. lat., 118°33.83' W. long.;

(11) 33°00.45' N. lat., 118°37.88' W. long.;

(12) 33°03.27' N. lat., 118°38.56' W. long.; and

(13) 33°03.73' N. lat., 118°36.98' W. long.

(e) The 50 fm (91 m) depth contour around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

(1) 33°28.01' N. lat., 118°37.42' W. long.;

(2) 33°29.02' N. lat., 118°36.33' W. long.;

(3) 33°28.97' N. lat., 118°33.16' W. long.;

(4) 33°28.71' N. lat., 118°31.22' W. long.;

(5) 33°26.66' N. lat., 118°27.48' W. long.;

(6) 33°25.35' N. lat., 118°22.83' W. long.;

(7) 33°22.61' N. lat., 118°19.18' W. long.;

(8) 33°20.06' N. lat., 118°17.35' W. long.;

(9) 33°17.58' N. lat., 118°17.42' W. long.;

(10) 33°17.05' N. lat., 118°18.72' W. long.;

(11) 33°17.87' N. lat., 118°24.47' W. long.;

(12) 33°18.63' N. lat., 118°28.16' W. long.;

- (13) 33°20.17' N. lat., 118°31.69' W. long.;
  - (14) 33°20.85' N. lat., 118°31.82' W. long.;
  - (15) 33°23.19' N. lat., 118°29.78' W. long.;
  - (16) 33°24.85' N. lat., 118°31.22' W. long.;
  - (17) 33°25.65' N. lat., 118°34.11' W. long.; and
  - (18) 33°28.01' N. lat., 118°37.42' W. long.
- (f) The 50 fm (91 m) depth contour around Santa Barbara Island off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 33°31.77' N lat., 119°3.41' W long.;
  - (2) 33°29.66' N lat., 119°5.86' W long.;
  - (3) 33°26.94' N lat., 119°2.95' W long.;
  - (4) 33°27.08' N lat., 119°0.51' W long.;
  - (5) 33°28.82' N lat., 118°59.42' W long.;
  - (6) 33°30.67' N lat., 119°0.88' W long.; and
  - (7) 33°31.77' N lat., 119°3.41' W long.
- (g) The 50 fm (91 m) depth contour around Tanner Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°45.53' N lat., 119°13.28' W long.;
  - (2) 32°43.98' N lat., 119°15.05' W long.;
  - (3) 32°38.45' N lat., 119°4.92' W long.;
  - (4) 32°41.44' N lat., 119°3.71' W long.;
  - (5) 32°45.02' N lat., 119°11.08' W long.; and
  - (6) 32°45.53' N lat., 119°13.28' W long.
- (h) The 50 fm (91 m) depth contour around San Nicholas Island off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 33°22.14' N lat., 119°42.12' W long.;
  - (2) 33°17.68' N lat., 119°43.24' W long.;
  - (3) 33°15.29' N lat., 119°39.32' W long.;
  - (4) 33°11.98' N lat., 119°29.64' W long.;
  - (5) 33°11.6' N lat., 119°27.26' W long.;
  - (6) 33°12.99' N lat., 119°16.36' W long.;
  - (7) 33°14.43' N lat., 119°17.42' W long.;

- (8) 33°17.2' N lat., 119°23.16' W long.;
  - (9) 33°20.73' N lat., 119° 27.33' W long.; and
  - (10) 33° 22.14' N lat., 119°42.12' W long.
- (i) The 50 fm (91 m) depth contour around Cortes Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°35.89' N lat., 119°18.39' W long.;
  - (2) 32°31.93' N lat., 119°20.54' W long.;
  - (3) 32°29.47' N lat., 119°14.81' W long.;
  - (4) 32°28.14' N lat., 119°14.94' W long.;
  - (5) 32°24.37' N lat., 119°3.69' W long.;
  - (6) 32°24.5' N lat., 119°0.52' W long.;
  - (7) 32°26.04' N lat., 119°0.46' W long.; and
  - (8) 32°35.89' N lat., 119°18.39' W long.
- (j) The 60-fm (110-m) depth contour used between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:
- (1) 48°26.70' N. lat., 125°09.43' W. long.;
  - (2) 48°23.76' N. lat., 125°06.77' W. long.;
  - (3) 48°23.01' N. lat., 125°03.48' W. long.;
  - (4) 48°22.42' N. lat., 124°57.84' W. long.;
  - (5) 48°22.62' N. lat., 124°48.97' W. long.;
  - (6) 48°18.61' N. lat., 124°52.52' W. long.;
  - (7) 48°16.62' N. lat., 124°54.03' W. long.;
  - (8) 48°15.39' N. lat., 124°54.79' W. long.;
  - (9) 48°13.81' N. lat., 124°55.45' W. long.;
  - (10) 48°10.51' N. lat., 124°56.56' W. long.;
  - (11) 48°10.00' N. lat., 124°56.72' W. long.;
  - (12) 48°06.90' N. lat., 124°57.72' W. long.;
  - (13) 48°02.23' N. lat., 125°00.20' W. long.;
  - (14) 48°00.87' N. lat., 125°00.37' W. long.;
  - (15) 47°56.30' N. lat., 124°59.51' W. long.;
  - (16) 47°46.84' N. lat., 124°57.34' W. long.;
  - (17) 47°36.49' N. lat., 124°50.93' W. long.;



- (18) 47°32.01' N. lat., 124°48.45' W. long.;
- (19) 47°27.19' N. lat., 124°46.47' W. long.;
- (20) 47°21.76' N. lat., 124°43.29' W. long.;
- (21) 47°17.82' N. lat., 124°42.12' W. long.;
- (22) 47°08.87' N. lat., 124°43.10' W. long.;
- (23) 47°03.16' N. lat., 124°42.61' W. long.;
- (24) 46°49.70' N. lat., 124°36.80' W. long.;
- (25) 46°42.91' N. lat., 124°33.20' W. long.;
- (26) 46°39.67' N. lat., 124°30.59' W. long.;
- (27) 46°38.17' N. lat., 124°29.70' W. long.;
- (28) 46°32.47' N. lat., 124°26.34' W. long.;
- (29) 46°23.69' N. lat., 124°25.41' W. long.;
- (30) 46°20.84' N. lat., 124°24.24' W. long.;
- (31) 46°16.00' N. lat., 124°19.10' W. long.;
- (32) 46°15.97' N. lat., 124°18.80' W. long.;
- (33) 46°11.23' N. lat., 124°19.96' W. long.;
- (34) 46°02.51' N. lat., 124°19.84' W. long.;
- (35) 45°59.05' N. lat., 124°16.52' W. long.;
- (36) 45°50.99' N. lat., 124°12.83' W. long.;
- (37) 45°46.00' N. lat., 124°11.58' W. long.;
- (38) 45°45.85' N. lat., 124°11.54' W. long.;
- (39) 45°38.53' N. lat., 124°11.92' W. long.;
- (40) 45°30.90' N. lat., 124°10.94' W. long.;
- (41) 45°21.20' N. lat., 124°09.12' W. long.;
- (42) 45°12.43' N. lat., 124°08.74' W. long.;
- (43) 45°03.83' N. lat., 124°10.94' W. long.;
- (44) 44°59.89' N. lat., 124°11.95' W. long.;
- (45) 44°51.96' N. lat., 124°15.15' W. long.;
- (46) 44°44.63' N. lat., 124°20.07' W. long.;
- (47) 44°39.23' N. lat., 124°28.09' W. long.;
- (48) 44°30.61' N. lat., 124°31.66' W. long.;

- (49) 44°26.20' N. lat., 124°35.87' W. long.;
- (50) 44°23.65' N. lat., 124°39.07' W. long.;
- (51) 44°20.30' N. lat., 124°38.72' W. long.;
- (52) 44°13.52' N. lat., 124°40.45' W. long.;
- (53) 44°10.97' N. lat., 124°38.78' W. long.;
- (54) 44°08.71' N. lat., 124°33.54' W. long.;
- (55) 44°04.91' N. lat., 124°24.55' W. long.;
- (56) 43°57.49' N. lat., 124°20.05' W. long.;
- (57) 43°50.26' N. lat., 124°21.85' W. long.;
- (58) 43°41.69' N. lat., 124°21.94' W. long.;
- (59) 43°35.51' N. lat., 124°21.51' W. long.;
- (60) 43°25.77' N. lat., 124°28.47' W. long.;
- (61) 43°20.83' N. lat., 124°31.26' W. long.;
- (62) 43°20.25' N. lat., 124°31.59' W. long.;
- (63) 43°12.73' N. lat., 124°36.68' W. long.;
- (64) 43°08.08' N. lat., 124°36.10' W. long.;
- (65) 43°00.33' N. lat., 124°37.57' W. long.;
- (66) 42°53.99' N. lat., 124°41.03' W. long.;
- (67) 42°50.00' N. lat., 124°41.09' W. long.;
- (68) 42°46.66' N. lat., 124°41.13' W. long.;
- (69) 42°41.74' N. lat., 124°37.46' W. long.;
- (70) 42°40.50' N. lat., 124°37.39' W. long.;
- (71) 42°37.42' N. lat., 124°37.22' W. long.;
- (72) 42°27.35' N. lat., 124°39.91' W. long.;
- (73) 42°23.94' N. lat., 124°38.29' W. long.;
- (74) 42°17.72' N. lat., 124°31.10' W. long.;
- (75) 42°10.36' N. lat., 124°29.11' W. long.;
- (76) 42°00.00' N. lat., 124°28.00' W. long.;
- (77) 41°54.87' N. lat., 124°28.50' W. long.;
- (78) 41°45.80' N. lat., 124°23.89' W. long.;
- (79) 41°34.40' N. lat., 124°24.03' W. long.;

- (80) 41°28.33' N. lat., 124°25.46' W. long.;
- (81) 41°15.80' N. lat., 124°18.90' W. long.;
- (82) 41°09.77' N. lat., 124°17.99' W. long.;
- (83) 41°02.26' N. lat., 124°18.71' W. long.;
- (84) 40°53.54' N. lat., 124°21.18' W. long.;
- (85) 40°49.93' N. lat., 124°23.02' W. long.;
- (86) 40°43.15' N. lat., 124°28.74' W. long.;
- (87) 40°40.19' N. lat., 124°29.07' W. long.;
- (88) 40°36.77' N. lat., 124°27.61' W. long.;
- (89) 40°34.26' N. lat., 124°29.52' W. long.;
- (90) 40°33.15' N. lat., 124°33.46' W. long.;
- (91) 40°30.00' N. lat., 124°35.84' W. long.;
- (92) 40°24.72' N. lat., 124°33.06' W. long.;
- (93) 40°23.91' N. lat., 124°31.28' W. long.;
- (94) 40°23.67' N. lat., 124°28.35' W. long.;
- (95) 40°22.53' N. lat., 124°24.72' W. long.;
- (96) 40°21.58' N. lat., 124°24.87' W. long.;
- (97) 40°21.02' N. lat., 124°27.70' W. long.;
- (98) 40°19.75' N. lat., 124°27.06' W. long.;
- (99) 40°18.23' N. lat., 124°25.30' W. long.;
- (100) 40°18.60' N. lat., 124°22.86' W. long.;
- (101) 40°15.43' N. lat., 124°25.37' W. long.;
- (102) 40°15.55' N. lat., 124°28.16' W. long.;
- (103) 40°11.27' N. lat., 124°22.56' W. long.;
- (104) 40°10.00' N. lat., 124°19.97' W. long.;
- (105) 40°09.20' N. lat., 124°15.81' W. long.;
- (106) 40°07.51' N. lat., 124°15.29' W. long.;
- (107) 40°05.22' N. lat., 124°10.06' W. long.;
- (108) 40°06.51' N. lat., 124°08.01' W. long.;
- (109) 40°00.72' N. lat., 124°08.45' W. long.;
- (110) 39°56.60' N. lat., 124°07.12' W. long.;

- (111) 39°52.58' N. lat., 124°03.57' W. long.;
- (112) 39°50.65' N. lat., 123°57.98' W. long.;
- (113) 39°40.16' N. lat., 123°52.41' W. long.;
- (114) 39°30.12' N. lat., 123°52.92' W. long.;
- (115) 39°24.53' N. lat., 123°55.16' W. long.;
- (116) 39°11.58' N. lat., 123°50.93' W. long.;
- (117) 38°57.50' N. lat., 123°51.14' W. long.;
- (118) 38°55.13' N. lat., 123°51.14' W. long.;
- (119) 38°28.58' N. lat., 123°22.84' W. long.;
- (120) 38°08.57' N. lat., 123°14.74' W. long.;
- (121) 38°00.00' N. lat., 123°15.61' W. long.;
- (122) 37°56.98' N. lat., 123°21.82' W. long.;
- (123) 37°49.65' N. lat., 123°17.48' W. long.;
- (124) 37°36.41' N. lat., 122°58.09' W. long.;
- (125) 37°11.00' N. lat., 122°40.22' W. long.;
- (126) 37°07.00' N. lat., 122°37.64' W. long.;
- (127) 37°02.08' N. lat., 122°25.49' W. long.;
- (128) 36°48.20' N. lat., 122°03.32' W. long.;
- (129) 36°51.42' N. lat., 121°57.62' W. long.;
- (130) 36°48.13' N. lat., 121°58.16' W. long.;
- (131) 36°48.84' N. lat., 121°50.06' W. long.;
- (132) 36°45.38' N. lat., 121°53.56' W. long.;
- (133) 36°45.13' N. lat., 121°57.06' W. long.;
- (134) 36°36.86' N. lat., 122°00.81' W. long.;
- (135) 36°32.77' N. lat., 121°58.90' W. long.;
- (136) 36°33.03' N. lat., 121°57.63' W. long.;
- (137) 36°31.87' N. lat., 121°56.10' W. long.;
- (138) 36°31.59' N. lat., 121°58.27' W. long.;
- (139) 36°23.26' N. lat., 121°57.70' W. long.;
- (140) 36°16.80' N. lat., 122°01.76' W. long.;
- (141) 36°14.33' N. lat., 121°57.80' W. long.;

- (142) 36°14.67' N. lat., 121°54.41' W. long.;
- (143) 36°10.30' N. lat., 121°43.00' W. long.;
- (144) 36°02.54' N. lat., 121°36.43' W. long.;
- (145) 36°01.09' N. lat., 121°36.41' W. long.;
- (146) 35°58.21' N. lat., 121°32.88' W. long.;
- (147) 35°40.38' N. lat., 121°22.59' W. long.;
- (148) 35°26.31' N. lat., 121°03.73' W. long.;
- (149) 35°01.36' N. lat., 120°49.02' W. long.;
- (150) 34°39.52' N. lat., 120°48.72' W. long.;
- (151) 34°31.26' N. lat., 120°44.12' W. long.;
- (152) 34°27.00' N. lat., 120°36.00' W. long.;
- (153) 34°23.00' N. lat., 120°25.32' W. long.;
- (154) 34°25.65' N. lat., 120°17.20' W. long.;
- (155) 34°23.05' N. lat., 119°56.25' W. long.;
- (156) 34°18.73' N. lat., 119°41.89' W. long.;
- (157) 34°11.18' N. lat., 119°31.21' W. long.;
- (158) 34°10.01' N. lat., 119°25.84' W. long.;
- (159) 34°03.80' N. lat., 119°12.70' W. long.;
- (160) 34°03.58' N. lat., 119°06.71' W. long.;
- (161) 34°04.52' N. lat., 119°04.89' W. long.;
- (162) 34°01.28' N. lat., 119°00.27' W. long.;
- (163) 34°00.20' N. lat., 119°03.18' W. long.;
- (164) 33°59.60' N. lat., 119°03.14' W. long.;
- (165) 33°59.45' N. lat., 119°00.87' W. long.;
- (166) 34°00.71' N. lat., 118°59.07' W. long.;
- (167) 33°59.05' N. lat., 118°47.34' W. long.;
- (168) 33°58.86' N. lat., 118°36.24' W. long.;
- (169) 33°55.20' N. lat., 118°33.18' W. long.;
- (170) 33°53.63' N. lat., 118°37.88' W. long.;
- (171) 33°51.22' N. lat., 118°36.13' W. long.;
- (172) 33°50.19' N. lat., 118°32.19' W. long.;

- (173) 33°51.28' N. lat., 118°29.12' W. long.;
- (174) 33°49.89' N. lat., 118°28.04' W. long.;
- (175) 33°49.93' N. lat., 118°26.36' W. long.;
- (176) 33°50.68' N. lat., 118°26.15' W. long.;
- (177) 33°50.06' N. lat., 118°24.79' W. long.;
- (178) 33°48.48' N. lat., 118°26.86' W. long.;
- (179) 33°47.75' N. lat., 118°30.21' W. long.;
- (180) 33°44.10' N. lat., 118°25.25' W. long.;
- (181) 33°41.77' N. lat., 118°20.32' W. long.;
- (182) 33°38.17' N. lat., 118°15.69' W. long.;
- (183) 33°37.48' N. lat., 118°16.72' W. long.;
- (184) 33°35.80' N. lat., 118°16.65' W. long.;
- (185) 33°33.92' N. lat., 118°11.36' W. long.;
- (186) 33°34.09' N. lat., 118°08.15' W. long.;
- (187) 33°35.73' N. lat., 118°05.01' W. long.;
- (188) 33°33.75' N. lat., 117°59.82' W. long.;
- (189) 33°35.25' N. lat., 117°55.89' W. long.;
- (190) 33°35.03' N. lat., 117°53.80' W. long.;
- (191) 33°31.37' N. lat., 117°48.15' W. long.;
- (192) 33°27.49' N. lat., 117°44.85' W. long.;
- (193) 33°16.63' N. lat., 117°34.01' W. long.;
- (194) 33°07.21' N. lat., 117°21.96' W. long.;
- (195) 33°03.35' N. lat., 117°21.22' W. long.;
- (196) 33°02.14' N. lat., 117°20.26' W. long.;
- (197) 32°59.87' N. lat., 117°19.16' W. long.;
- (198) 32°57.39' N. lat., 117°18.72' W. long.;
- (199) 32°56.00' N. lat., 117°19.16' W. long.;
- (200) 32°55.31' N. lat., 117°18.80' W. long.;
- (201) 32°54.38' N. lat., 117°17.09' W. long.;
- (202) 32°52.81' N. lat., 117°16.94' W. long.;
- (203) 32°52.56' N. lat., 117°19.30' W. long.;

- (204) 32°50.86' N. lat., 117°20.98' W. long.;
- (205) 32°46.96' N. lat., 117°22.69' W. long.;
- (206) 32°45.58' N. lat., 117°22.38' W. long.;
- (207) 32°44.89' N. lat., 117°21.89' W. long.;
- (208) 32°43.03' N. lat., 117°20.43' W. long.;
- (209) 32°41.52' N. lat., 117°20.12' W. long.;
- (210) 32°37.00' N. lat., 117°20.10' W. long.;
- (211) 32°34.76' N. lat., 117°18.77' W. long.; and
- (212) 32°33.70' N. lat., 117°18.46' W. long.

(k) The 60 fm (110 m) depth contour around the northern Channel Islands off the State of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 34°09.83' N. lat., 120°25.61' W. long.;
- (2) 34°07.03' N. lat., 120°16.43' W. long.;
- (3) 34°06.38' N. lat., 120°04.00' W. long.;
- (4) 34°07.90' N. lat., 119°55.12' W. long.;
- (5) 34°05.07' N. lat., 119°37.33' W. long.;
- (6) 34°05.04' N. lat., 119°32.80' W. long.;
- (7) 34°04.00' N. lat., 119°26.70' W. long.;
- (8) 34°02.27' N. lat., 119°18.73' W. long.;
- (9) 34°00.98' N. lat., 119°19.10' W. long.;
- (10) 33°59.44' N. lat., 119°21.89' W. long.;
- (11) 33°58.70' N. lat., 119°32.22' W. long.;
- (12) 33°57.81' N. lat., 119°33.72' W. long.;
- (13) 33°57.65' N. lat., 119°35.94' W. long.;
- (14) 33°56.14' N. lat., 119°41.09' W. long.;
- (15) 33°55.84' N. lat., 119°48.00' W. long.;
- (16) 33°57.22' N. lat., 119°52.09' W. long.;
- (17) 33°59.22' N. lat., 119°55.49' W. long.;
- (18) 33°57.73' N. lat., 119°55.06' W. long.;
- (19) 33°56.48' N. lat., 119°53.80' W. long.;
- (20) 33°49.29' N. lat., 119°55.76' W. long.;
- (21) 33°48.11' N. lat., 119°59.72' W. long.;

- (22) 33°49.14' N. lat., 120°03.58' W. long.;
- (23) 33°52.95' N. lat., 120°10.00' W. long.;
- (24) 33°56.00' N. lat., 120°17.00' W. long.;
- (25) 34°00.12' N. lat., 120°28.12' W. long.;
- (26) 34°08.23' N. lat., 120°36.25' W. long.;
- (27) 34°08.80' N. lat., 120°34.58' W. long.; and
- (28) 34°09.83' N. lat., 120°25.61' W. long.

(l) The 60 fm (110 m) depth contour around San Clemente Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°04.44' N. lat., 118°37.61' W. long.;
- (2) 33°02.56' N. lat., 118°34.19' W. long.;
- (3) 32°55.54' N. lat., 118°28.87' W. long.;
- (4) 32°55.01' N. lat., 118°27.70' W. long.;
- (5) 32°49.77' N. lat., 118°20.92' W. long.;
- (6) 32°48.38' N. lat., 118°20.02' W. long.;
- (7) 32°47.60' N. lat., 118°22.00' W. long.;
- (8) 32°44.59' N. lat., 118°24.52' W. long.;
- (9) 32°49.97' N. lat., 118°31.52' W. long.;
- (10) 32°53.62' N. lat., 118°32.94' W. long.;
- (11) 32°55.63' N. lat., 118°34.82' W. long.;
- (12) 33°00.71' N. lat., 118°38.42' W. long.;
- (13) 33°03.49' N. lat., 118°38.81' W. long.; and
- (14) 33°04.44' N. lat., 118°37.61' W. long.

(m) The 60 fm (110 m) depth contour around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°28.15' N. lat., 118°38.17' W. long.;
- (2) 33°29.23' N. lat., 118°36.27' W. long.;
- (3) 33°28.85' N. lat., 118°30.85' W. long.;
- (4) 33°26.69' N. lat., 118°27.37' W. long.;
- (5) 33°26.30' N. lat., 118°25.38' W. long.;
- (6) 33°25.39' N. lat., 118°22.80' W. long.;
- (7) 33°22.60' N. lat., 118°18.82' W. long.;



- (8) 33°19.49' N. lat., 118°16.91' W. long.;
  - (9) 33°17.13' N. lat., 118°16.58' W. long.;
  - (10) 33°16.65' N. lat., 118°17.71' W. long.;
  - (11) 33°18.35' N. lat., 118°27.86' W. long.;
  - (12) 33°20.07' N. lat., 118°32.34' W. long.;
  - (13) 33°21.82' N. lat., 118°32.08' W. long.;
  - (14) 33°23.15' N. lat., 118°29.89' W. long.;
  - (15) 33°24.99' N. lat., 118°32.25' W. long.;
  - (16) 33°25.73' N. lat., 118°34.88' W. long.; and
  - (17) 33°28.15' N. lat., 118°38.17' W. long.
- (n) The 60 fm (110 m) depth contour around Santa Barbara Island off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 33°32.34' N lat., 119°3.85' W long.;
  - (2) 33°28.79' N lat., 119°6.76' W long.;
  - (3) 33°26.46' N lat., 119°3.12' W long.;
  - (4) 33°27.08' N lat., 119°0.37' W long.;
  - (5) 33°28.86' N lat., 118°59.31' W long.;
  - (6) 33°30.82' N lat., 119° 0.97' W long.; and
  - (7) 33°32.34' N lat., 119°3.85' W long.
- (o) The 60 fm (91 m) depth contour around Tanner Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°45.65' N lat., 119°13.29' W long.;
  - (2) 32°44.21' N lat., 119°15.68' W long.;
  - (3) 32°37.4' N lat., 119°4.89' W long.;
  - (4) 32°41.42' N lat., 119°3.32' W long.;
  - (5) 32°45.66' N lat., 119°12.1' W long.; and
  - (6) 32°45.65' N lat., 119°13.29' W long.
- (p) The 60 fm (110 m) depth contour around San Nicholas Island off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 33°26.41' N lat., 119°39.84' W long.;
  - (2) 33°22.94' N lat., 119°47.34' W long.;
  - (3) 33°16.39' N lat., 119°42.64' W long.;

- (4) 33°11.86' N lat., 119°29.61' W long.;
  - (5) 33°11.52' N lat., 119°27.25' W long.;
  - (6) 33°12.97' N lat., 119°16.3' W long.;
  - (7) 33°14.48' N lat., 119°17.42' W long.;
  - (8) 33°17.23' N lat., 119°23.14' W long.;
  - (9) 33°21.21' N lat., 119°27.84' W long.;
  - (10) 33°22.65' N lat., 119°34.31' W long.; and
  - (11) 33°26.41' N lat., 119°39.84' W long.
- (q) The 60 fm (110 m) depth contour around Cortes Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°36.79' N lat., 119°18.81' W long.;
  - (2) 32°31.94' N lat., 119°20.75' W long.;
  - (3) 32°29.5' N lat., 119°15' W long.;
  - (4) 32°27.95' N lat., 119°15.12' W long.;
  - (5) 32°24.03' N lat., 119°3.72' W long.;
  - (6) 32°24.46' N lat., 118°59.56' W long.;
  - (7) 32°25.42' N lat., 118°59.42' W long.;
  - (8) 32°27.41' N lat., 119°1.99' W long.; and
  - (9) 32°36.79' N lat., 119°18.81' W long.
- (r) The 75-fm (137-m) depth contour used between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:
- (1) 48°16.80' N. lat., 125°34.90' W. long.;
  - (2) 48°14.50' N. lat., 125°29.50' W. long.;
  - (3) 48°12.08' N. lat., 125°28.00' W. long.;
  - (4) 48°10.00' N. lat., 125°27.99' W. long.;
  - (5) 48°09.00' N. lat., 125°28.00' W. long.;
  - (6) 48°07.80' N. lat., 125°31.70' W. long.;
  - (7) 48°04.28' N. lat., 125°29.00' W. long.;
  - (8) 48°02.50' N. lat., 125°25.70' W. long.;
  - (9) 48°10.00' N. lat., 125°20.19' W. long.;
  - (10) 48°21.70' N. lat., 125°17.56' W. long.;
  - (11) 48°23.12' N. lat., 125°10.25' W. long.;

- (12) 48°21.77' N. lat., 125°02.59' W. long.;
- (13) 48°23.00' N. lat., 124°59.30' W. long.;
- (14) 48°23.90' N. lat., 124°54.37' W. long.;
- (15) 48°23.05' N. lat., 124°48.80' W. long.;
- (16) 48°17.10' N. lat., 124°54.82' W. long.;
- (17) 48°10.00' N. lat., 124°57.54' W. long.;
- (18) 48°05.10' N. lat., 124°59.40' W. long.;
- (19) 48°04.50' N. lat., 125°02.00' W. long.;
- (20) 48°04.70' N. lat., 125°04.08' W. long.;
- (21) 48°05.20' N. lat., 125°04.90' W. long.;
- (22) 48°06.25' N. lat., 125°06.40' W. long.;
- (23) 48°05.91' N. lat., 125°08.30' W. long.;
- (24) 48°07.00' N. lat., 125°09.80' W. long.;
- (25) 48°06.93' N. lat., 125°11.48' W. long.;
- (26) 48°04.98' N. lat., 125°10.02' W. long.;
- (27) 47°54.00' N. lat., 125°04.98' W. long.;
- (28) 47°44.52' N. lat., 125°00.00' W. long.;
- (29) 47°42.00' N. lat., 124°58.98' W. long.;
- (30) 47°35.52' N. lat., 124°55.50' W. long.;
- (31) 47°22.02' N. lat., 124°44.40' W. long.;
- (32) 47°16.98' N. lat., 124°45.48' W. long.;
- (33) 47°10.98' N. lat., 124°48.48' W. long.;
- (34) 47°04.98' N. lat., 124°49.02' W. long.;
- (35) 46°57.98' N. lat., 124°46.50' W. long.;
- (36) 46°54.00' N. lat., 124°45.00' W. long.;
- (37) 46°48.48' N. lat., 124°44.52' W. long.;
- (38) 46°40.02' N. lat., 124°36.00' W. long.;
- (39) 46°38.17' N. lat., 124°33.20' W. long.;
- (40) 46°34.09' N. lat., 124°27.03' W. long.;
- (41) 46°24.64' N. lat., 124°30.33' W. long.;
- (42) 46°19.98' N. lat., 124°36.00' W. long.;

- (43) 46°18.14' N. lat., 124°34.26' W. long.;
- (44) 46°18.72' N. lat., 124°22.68' W. long.;
- (45) 46°16.00' N. lat., 124°19.49' W. long.;
- (46) 46°14.63' N. lat., 124°22.54' W. long.;
- (47) 46°11.08' N. lat., 124°30.74' W. long.;
- (48) 46°04.28' N. lat., 124°31.49' W. long.;
- (49) 45°55.97' N. lat., 124°19.95' W. long.;
- (50) 45°46.00' N. lat., 124°16.41' W. long.;
- (51) 45°44.97' N. lat., 124°15.95' W. long.;
- (52) 45°43.14' N. lat., 124°21.86' W. long.;
- (53) 45°34.45' N. lat., 124°14.44' W. long.;
- (54) 45°20.25' N. lat., 124°12.23' W. long.;
- (55) 45°15.49' N. lat., 124°11.49' W. long.;
- (56) 45°03.83' N. lat., 124°13.75' W. long.;
- (57) 44°57.31' N. lat., 124°15.03' W. long.;
- (58) 44°43.90' N. lat., 124°28.88' W. long.;
- (59) 44°28.64' N. lat., 124°35.67' W. long.;
- (60) 44°25.31' N. lat., 124°43.08' W. long.;
- (61) 44°16.28' N. lat., 124°47.86' W. long.;
- (62) 44°13.47' N. lat., 124°54.08' W. long.;
- (63) 44°02.88' N. lat., 124°53.96' W. long.;
- (64) 44°00.14' N. lat., 124°55.25' W. long.;
- (65) 43°57.68' N. lat., 124°55.48' W. long.;
- (66) 43°56.66' N. lat., 124°55.45' W. long.;
- (67) 43°57.50' N. lat., 124°41.23' W. long.;
- (68) 44°01.79' N. lat., 124°38.00' W. long.;
- (69) 44°02.17' N. lat., 124°32.62' W. long.;
- (70) 43°58.15' N. lat., 124°30.39' W. long.;
- (71) 43°53.25' N. lat., 124°31.39' W. long.;
- (72) 43°35.56' N. lat., 124°28.17' W. long.;
- (73) 43°21.84' N. lat., 124°36.07' W. long.;

- (74) 43°20.83' N. lat., 124°35.49' W. long.;
- (75) 43°19.73' N. lat., 124°34.87' W. long.;
- (76) 43°09.38' N. lat., 124°39.29' W. long.;
- (77) 43°07.11' N. lat., 124°37.66' W. long.;
- (78) 42°56.27' N. lat., 124°43.28' W. long.;
- (79) 42°50.00' N. lat., 124°42.30' W. long.;
- (80) 42°45.01' N. lat., 124°41.50' W. long.;
- (81) 42°40.50' N. lat., 124°39.46' W. long.;
- (82) 42°39.71' N. lat., 124°39.11' W. long.;
- (83) 42°32.87' N. lat., 124°40.13' W. long.;
- (84) 42°32.30' N. lat., 124°39.04' W. long.;
- (85) 42°26.96' N. lat., 124°44.30' W. long.;
- (86) 42°24.11' N. lat., 124°42.16' W. long.;
- (87) 42°21.10' N. lat., 124°35.46' W. long.;
- (88) 42°14.72' N. lat., 124°32.30' W. long.;
- (89) 42°13.67' N. lat., 124°32.29' W. long.;
- (90) 42°09.25' N. lat., 124°32.04' W. long.;
- (91) 42°01.88' N. lat., 124°32.71' W. long.;
- (92) 42°00.00' N. lat., 124°32.02' W. long.;
- (93) 41°46.18' N. lat., 124°26.60' W. long.;
- (94) 41°29.22' N. lat., 124°28.04' W. long.;
- (95) 41°09.62' N. lat., 124°19.75' W. long.;
- (96) 40°50.71' N. lat., 124°23.80' W. long.;
- (97) 40°43.35' N. lat., 124°29.30' W. long.;
- (98) 40°40.24' N. lat., 124°29.86' W. long.;
- (99) 40°39.40' N. lat., 124°28.90' W. long.;
- (100) 40°36.96' N. lat., 124°28.02' W. long.;
- (101) 40°34.42' N. lat., 124°29.65' W. long.;
- (102) 40°34.74' N. lat., 124°34.61' W. long.;
- (103) 40°31.70' N. lat., 124°37.13' W. long.;
- (104) 40°30.00' N. lat., 124°36.50' W. long.;

- (105) 40°25.03' N. lat., 124°34.77' W. long.;
- (106) 40°23.58' N. lat., 124°31.49' W. long.;
- (107) 40°23.64' N. lat., 124°28.35' W. long.;
- (108) 40°22.53' N. lat., 124°24.76' W. long.;
- (109) 40°21.65' N. lat., 124°24.89' W. long.;
- (110) 40°21.74' N. lat., 124°27.63' W. long.;
- (111) 40°19.76' N. lat., 124°28.15' W. long.;
- (112) 40°18.00' N. lat., 124°25.38' W. long.;
- (113) 40°18.54' N. lat., 124°22.94' W. long.;
- (114) 40°15.55' N. lat., 124°25.75' W. long.;
- (115) 40°16.06' N. lat., 124°30.48' W. long.;
- (116) 40°15.75' N. lat., 124°31.69' W. long.;
- (117) 40°10.00' N. lat., 124°21.28' W. long.;
- (118) 40°08.37' N. lat., 124°17.99' W. long.;
- (119) 40°09.00' N. lat., 124°15.77' W. long.;
- (120) 40°06.93' N. lat., 124°16.49' W. long.;
- (121) 40°03.60' N. lat., 124°11.60' W. long.;
- (122) 40°06.20' N. lat., 124°08.23' W. long.;
- (123) 40°00.94' N. lat., 124°08.57' W. long.;
- (124) 40°00.01' N. lat., 124°09.84' W. long.;
- (125) 39°57.75' N. lat., 124°09.53' W. long.;
- (126) 39°55.56' N. lat., 124°07.67' W. long.;
- (127) 39°52.21' N. lat., 124°05.54' W. long.;
- (128) 39°48.07' N. lat., 123°57.48' W. long.;
- (129) 39°41.60' N. lat., 123°55.12' W. long.;
- (130) 39°30.39' N. lat., 123°55.03' W. long.;
- (131) 39°29.48' N. lat., 123°56.12' W. long.;
- (132) 39°13.76' N. lat., 123°54.65' W. long.;
- (133) 39°05.21' N. lat., 123°55.38' W. long.;
- (134) 38°57.50' N. lat., 123°54.50' W. long.;
- (135) 38°55.90' N. lat., 123°54.35' W. long.;

- (136) 38°48.59' N. lat., 123°49.61' W. long.;
- (137) 38°28.82' N. lat., 123°27.44' W. long.;
- (138) 38°09.70' N. lat., 123°18.66' W. long.;
- (139) 38°04.16' N lat., 123°19.05' W long.;
- (140) 38°03.18' N lat., 123°20.77' W long.;
- (141) 38°00.00' N lat., 123°23.08' W long.;
- (142) 37°55.07' N lat., 123°26.81' W long.;
- (143) 37°52.79' N. lat., 123°23.85' W. long.;
- (144) 37°49.13' N. lat., 123°18.83' W. long.;
- (145) 37°46.01' N. lat., 123°12.28' W. long.;
- (146) 37°35.67' N. lat., 123°00.33' W. long.;
- (147) 37°28.20' N. lat., 122°54.92' W. long.;
- (148) 37°27.34' N. lat., 122°52.91' W. long.;
- (149) 37°26.45' N. lat., 122°52.95' W. long.;
- (150) 37°26.06' N. lat., 122°51.17' W. long.;
- (151) 37°23.07' N. lat., 122°51.34' W. long.;
- (152) 37°11.00' N. lat., 122°43.89' W. long.;
- (153) 37°07.00' N. lat., 122°41.06' W. long.;
- (154) 37°04.49' N lat., 122°38.50' W long.;
- (155) 37°00.64' N. lat., 122°33.26' W. long.;
- (156) 36°59.15' N. lat., 122°27.84' W. long.;
- (157) 37°01.16' N lat., 122°24.50' W long.;
- (158) 36°58.75' N. lat., 122°23.81' W. long.;
- (159) 36°59.17' N. lat., 122°21.44' W. long.;
- (160) 36°57.51' N. lat., 122°20.69' W. long.;
- (161) 36°51.46' N. lat., 122°10.01' W. long.;
- (162) 36°48.43' N. lat., 122°06.47' W. long.;
- (163) 36°48.66' N. lat., 122°04.99' W. long.;
- (164) 36°47.75' N. lat., 122°03.33' W. long.;
- (165) 36°51.23' N. lat., 121°57.79' W. long.;
- (166) 36°49.80' N lat., 121°57.93' W long.;

- (167) 36°48.84' N. lat., 121°58.68' W. long.;
- (168) 36°47.89' N. lat., 121°58.53' W. long.;
- (169) 36°48.66' N. lat., 121°50.49' W. long.;
- (170) 36°45.56' N. lat., 121°54.11' W. long.;
- (171) 36°45.30' N. lat., 121°57.62' W. long.;
- (172) 36°38.54' N. lat., 122°01.13' W. long.;
- (173) 36°35.76' N. lat., 122°00.87' W. long.;
- (174) 36°32.58' N. lat., 121°59.12' W. long.;
- (175) 36°32.95' N. lat., 121°57.62' W. long.;
- (176) 36°31.96' N. lat., 121°56.27' W. long.;
- (177) 36°31.74' N. lat., 121°58.24' W. long.;
- (178) 36°30.57' N. lat., 121°59.66' W. long.;
- (179) 36°27.80' N. lat., 121°59.30' W. long.;
- (180) 36°26.52' N. lat., 121°58.09' W. long.;
- (181) 36°23.65' N. lat., 121°58.94' W. long.;
- (182) 36°20.93' N. lat., 122°00.28' W. long.;
- (183) 36°17.49' N. lat., 122°03.08' W. long.;
- (184) 36°14.21' N. lat., 121°57.80' W. long.;
- (185) 36°14.53' N. lat., 121°54.99' W. long.;
- (186) 36°10.28' N. lat., 121°43.06' W. long.;
- (187) 36°02.50' N. lat., 121°36.47' W. long.;
- (188) 36°01.04' N. lat., 121°36.47' W. long.;
- (189) 36°00.00' N. lat., 121°35.32' W. long.;
- (190) 35°58.20' N. lat., 121°32.97' W. long.;
- (191) 35°39.35' N. lat., 121°22.63' W. long.;
- (192) 35°25.09' N. lat., 121°03.02' W. long.;
- (193) 35°10.84' N. lat., 120°55.90' W. long.;
- (194) 35°04.35' N. lat., 120°51.62' W. long.;
- (195) 34°55.25' N. lat., 120°49.36' W. long.;
- (196) 34°47.95' N. lat., 120°50.76' W. long.;
- (197) 34°39.27' N. lat., 120°49.16' W. long.;



- (198) 34°31.05' N. lat., 120°44.71' W. long.;
- (199) 34°27.00' N. lat., 120°36.54' W. long.;
- (200) 34°22.60' N. lat., 120°25.41' W. long.;
- (201) 34°25.45' N. lat., 120°17.41' W. long.;
- (202) 34°22.94' N. lat., 119°56.40' W. long.;
- (203) 34°18.37' N. lat., 119°42.01' W. long.;
- (204) 34°11.22' N. lat., 119°32.47' W. long.;
- (205) 34°09.58' N. lat., 119°25.94' W. long.;
- (206) 34°03.70' N lat., 119°12.77' W long.;
- (207) 34°03.57' N. lat., 119°06.72' W. long.;
- (208) 34°04.44' N lat., 119°04.90' W long.;
- (209) 34°02.94' N lat., 119°02.89' W long.;
- (210) 34°01.30' N lat., 119°00.48' W long.;
- (211) 34°00.22' N. lat., 119°03.20' W. long.;
- (212) 33°59.56' N. lat., 119°03.36' W. long.;
- (213) 33°59.35' N. lat., 119°00.92' W. long.;
- (214) 34°00.49' N. lat., 118°59.08' W. long.;
- (215) 33°58.99' N lat., 118°47.33' W long.;
- (216) 33°58.73' N. lat., 118°36.45' W. long.;
- (217) 33°55.24' N. lat., 118°33.42' W. long.;
- (218) 33°53.71' N. lat., 118°38.01' W. long.;
- (219) 33°51.19' N. lat., 118°36.50' W. long.;
- (220) 33°49.85' N lat., 118°32.31' W long.;
- (221) 33°49.61' N lat., 118°28.07' W long.;
- (222) 33°49.77' N lat., 118°26.34' W long.;
- (223) 33°50.36' N. lat., 118°25.84' W. long.;
- (224) 33°49.92' N. lat., 118°25.05' W. long.;
- (225) 33°48.70' N. lat., 118°26.70' W. long.;
- (226) 33°47.72' N. lat., 118°30.48' W. long.;
- (227) 33°44.07' N lat., 118°25.28' W long.;
- (228) 33°41.62' N. lat., 118°20.31' W. long.;

- (229) 33°38.15' N. lat., 118°15.85' W. long.;
- (230) 33°37.53' N. lat., 118°16.82' W. long.;
- (231) 33°35.76' N. lat., 118°16.75' W. long.;
- (232) 33°33.76' N. lat., 118°11.37' W. long.;
- (233) 33°33.76' N. lat., 118°07.94' W. long.;
- (234) 33°35.59' N. lat., 118°05.05' W. long.;
- (235) 33°33.67' N. lat., 117°59.98' W. long.;
- (236) 33°34.98' N. lat., 117°55.66' W. long.;
- (237) 33°34.84' N. lat., 117°53.83' W. long.;
- (238) 33°31.43' N. lat., 117°48.76' W. long.;
- (239) 33°16.61' N. lat., 117°34.49' W. long.;
- (240) 33°07.43' N. lat., 117°22.40' W. long.;
- (241) 33°02.93' N. lat., 117°21.12' W. long.;
- (242) 33°02.09' N. lat., 117°20.28' W. long.;
- (243) 32°59.91' N. lat., 117°19.28' W. long.;
- (244) 32°57.27' N. lat., 117°18.82' W. long.;
- (245) 32°56.17' N. lat., 117°19.43' W. long.;
- (246) 32°55.22' N. lat., 117°19.09' W. long.;
- (247) 32°54.30' N. lat., 117°17.13' W. long.;
- (248) 32°52.89' N. lat., 117°17.03' W. long.;
- (249) 32°52.61' N. lat., 117°19.50' W. long.;
- (250) 32°50.85' N. lat., 117°21.14' W. long.;
- (251) 32°47.11' N. lat., 117°22.95' W. long.;
- (252) 32°45.66' N. lat., 117°22.60' W. long.;
- (253) 32°42.99' N. lat., 117°20.70' W. long.;
- (254) 32°40.72' N. lat., 117°20.23' W. long.;
- (255) 32°38.11' N. lat., 117°20.59' W. long.; and
- (256) 32°33.83' N. lat., 117°19.18' W. long.

(s) The 75 fm (137 m) depth contour around the northern Channel Islands off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 34°10.82' N. lat., 120°33.26' W. long.;
- (2) 34°11.78' N. lat., 120°28.12' W. long.;

- (3) 34°08.65' N. lat., 120°18.46' W. long.;
- (4) 34°07.01' N. lat., 120°10.46' W. long.;
- (5) 34°06.56' N. lat., 120°04.00' W. long.;
- (6) 34°08.11' N. lat., 119°55.01' W. long.;
- (7) 34°05.18' N. lat., 119°37.94' W. long.;
- (8) 34°05.22' N. lat., 119°35.52' W. long.;
- (9) 34°05.12' N. lat., 119°32.74' W. long.;
- (10) 34°04.32' N. lat., 119°27.32' W. long.;
- (11) 34°02.32' N. lat., 119°18.46' W. long.;
- (12) 34°00.95' N. lat., 119°18.95' W. long.;
- (13) 33°59.40' N. lat., 119°21.74' W. long.;
- (14) 33°58.70' N. lat., 119°32.21' W. long.;
- (15) 33°57.77' N. lat., 119°33.49' W. long.;
- (16) 33°57.64' N. lat., 119°35.78' W. long.;
- (17) 33°56.12' N. lat., 119°41.10' W. long.;
- (18) 33°55.74' N. lat., 119°48.00' W. long.;
- (19) 33°56.91' N. lat., 119°52.04' W. long.;
- (20) 33°59.06' N. lat., 119°55.38' W. long.;
- (21) 33°57.82' N. lat., 119°54.99' W. long.;
- (22) 33°56.58' N. lat., 119°53.75' W. long.;
- (23) 33°54.43' N. lat., 119°54.07' W. long.;
- (24) 33°52.67' N. lat., 119°54.78' W. long.;
- (25) 33°48.33' N. lat., 119°55.09' W. long.;
- (26) 33°47.28' N. lat., 119°57.30' W. long.;
- (27) 33°47.36' N. lat., 120°00.39' W. long.;
- (28) 33°49.16' N. lat., 120°05.06' W. long.;
- (29) 33°51.69' N. lat., 120°07.98' W. long.;
- (30) 33°58.11' N. lat., 120°25.59' W. long.;
- (31) 34°02.15' N. lat., 120°32.70' W. long.;
- (32) 34°08.86' N. lat., 120°37.12' W. long.; and
- (33) 34°10.82' N. lat., 120°33.26' W. long.

(t) The 75 fm (137 m) depth contour around San Clemente Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°04.54' N. lat., 118°37.54' W. long.;
- (2) 33°02.56' N. lat., 118°34.12' W. long.;
- (3) 32°55.57' N. lat., 118°28.84' W. long.;
- (4) 32°55.02' N. lat., 118°27.69' W. long.;
- (5) 32°49.78' N. lat., 118°20.88' W. long.;
- (6) 32°48.32' N. lat., 118°19.89' W. long.;
- (7) 32°47.41' N. lat., 118°21.98' W. long.;
- (8) 32°44.39' N. lat., 118°24.49' W. long.;
- (9) 32°47.93' N. lat., 118°29.90' W. long.;
- (10) 32°49.69' N. lat., 118°31.52' W. long.;
- (11) 32°53.57' N. lat., 118°33.09' W. long.;
- (12) 32°55.42' N. lat., 118°35.17' W. long.;
- (13) 33°00.49' N. lat., 118°38.56' W. long.;
- (14) 33°03.23' N. lat., 118°39.16' W. long.; and
- (15) 33°04.54' N. lat., 118°37.54' W. long.

(u) The 75 fm (137 m) depth contour around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°28.13' N. lat., 118°38.25' W. long.;
- (2) 33°29.35' N. lat., 118°36.23' W. long.;
- (3) 33°28.94' N. lat., 118°30.81' W. long.;
- (4) 33°26.73' N. lat., 118°27.35' W. long.;
- (5) 33°26.33' N. lat., 118°25.37' W. long.;
- (6) 33°25.42' N. lat., 118°22.76' W. long.;
- (7) 33°22.47' N. lat., 118°18.53' W. long.;
- (8) 33°19.51' N. lat., 118°16.82' W. long.;
- (9) 33°17.07' N. lat., 118°16.38' W. long.;
- (10) 33°16.58' N. lat., 118°17.61' W. long.;
- (11) 33°18.35' N. lat., 118°27.86' W. long.;
- (12) 33°20.07' N. lat., 118°32.35' W. long.;
- (13) 33°21.82' N. lat., 118°32.09' W. long.;

- (14) 33°23.15' N. lat., 118°29.99' W. long.;
- (15) 33°24.94' N lat., 118°32.29' W long.;
- (16) 33°25.67' N. lat., 118°34.88' W. long.;
- (17) 33°27.57' N. lat., 118°37.90' W. long.; and
- (18) 33°28.13' N lat., 118°38.25' W long.;

(v) The 75 fm (137 m) depth contour around Santa Barbara Island off the State of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°33.58' N lat., 119°4.84' W long.;
- (2) 33°33.2' N lat., 119°5.37' W long.;
- (3) 33°31.75' N lat., 119°4.61' W long.;
- (4) 33°28.67' N lat., 119°7.06' W long.;
- (5) 33°26.38' N lat., 119°3.24' W long.;
- (6) 33°27.08' N lat., 119°0.26' W long.;
- (7) 33°28.85' N lat., 118°59.21' W long.;
- (8) 33°30.85' N lat., 119°0.94' W long.;
- (9) 33°31.91' N lat., 119°2.98' W long.; and
- (10) 33°33.58' N lat., 119°4.84' W long.

(w) The 75 fm (137 m) depth contour around Tanner Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 32°45.66' N lat., 119°14.45' W long.;
- (2) 32°44.19' N lat., 119°15.9' W long.;
- (3) 32°37.02' N lat., 119°4.65' W long.;
- (4) 32°41.45' N lat., 119°3.14' W long.;
- (5) 32°45.77' N lat., 119°11.93' W long.; and
- (6) 32°45.66' N lat., 119°14.45' W long.

(x) The 75 fm (137 m) depth contour around San Nicholas Island off the State of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°30.94' N lat., 119°45.06' W long.;
- (2) 33°28.59' N lat., 119° 52.02' W long.;
- (3) 33°16.05' N lat., 119°43.86' W long.;
- (4) 33°15.2' N lat., 119°39.36' W long.;
- (5) 33°11.71' N lat., 119°29.48' W long.;

- (6) 33°11.39' N lat., 119°26.58' W long.;
  - (7) 33°12.96' N lat., 119°16.23' W long.;
  - (8) 33°14.52' N lat., 119°17.42' W long.;
  - (9) 33°17.24' N lat., 119°23.09' W long.;
  - (10) 33°21.24' N lat., 119°27.83' W long.;
  - (11) 33°22.71' N lat., 119°33.54' W long.; and
  - (12) 33°30.94' N lat., 119°45.06' W long.
- (y) The 75 fm (137 m) depth contour around Cortes Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°37.38' N lat., 119°19.45' W long.;
  - (2) 32°31.9' N lat., 119°20.9' W long.;
  - (3) 32°29.52' N lat.; 119°15.94' W long.;
  - (4) 32°29.64' N lat.; 119°15.4' W long.;
  - (5) 32°29.24' N lat.; 119°15.09' W long.;
  - (6) 32°27.82' N lat., 119°15.3' W long.;
  - (7) 32°23.85' N lat., 119°3.95' W long.;
  - (8) 32°24.53' N lat., 118°58.2' W long.;
  - (9) 32°27.1' N lat., 119°1.2' W long.; and
  - (10) 32°37.38' N lat., 119°19.45' W long.

[69 FR 77051, Dec. 23, 2004, as amended at 71 FR 8500, Feb. 17, 2006; 71 FR 78672, Dec. 29, 2006; 74 FR 9898, Mar. 6, 2009. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 27530, May 11, 2011; 76 FR 54714, Sept. 2, 2011; 78 FR 589, Jan. 3, 2013; 80 FR 12573, Mar. 10, 2015; 82 FR 9640, Feb. 7, 2017; 83 FR 63992, Dec. 12, 2018; 84 FR 63974, Nov. 19, 2019; 87 FR 77016, Dec. 16, 2022; 88 FR 83845, Dec. 1, 2023]

### **§ 660.73 Latitude/longitude coordinates defining the 100 fm (183 m) through 150 fm (274 m) depth contours.**

Boundaries for some GCAs are defined by straight lines connecting a series of latitude/longitude coordinates. This section provides coordinates for the 100 fm (183 m) through 150 fm (274 m) depth contours.

- (a) The 100-fm (183-m) depth contour used between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:
- (1) 48°15.00' N. lat., 125°41.00' W. long.;
  - (2) 48°14.00' N. lat., 125°36.00' W. long.;
  - (3) 48°10.00' N. lat., 125°40.00' W. long.;
  - (4) 48°09.50' N. lat., 125°40.50' W. long.;

- (5) 48°08.00' N. lat., 125°38.00' W. long.;
- (6) 48°05.00' N. lat., 125°37.25' W. long.;
- (7) 48°02.60' N. lat., 125°34.70' W. long.;
- (8) 47°59.00' N. lat., 125°34.00' W. long.;
- (9) 47°57.26' N. lat., 125°29.82' W. long.;
- (10) 47°59.87' N. lat., 125°25.81' W. long.;
- (11) 48°01.80' N. lat., 125°24.53' W. long.;
- (12) 48°02.08' N. lat., 125°22.98' W. long.;
- (13) 48°02.97' N. lat., 125°22.89' W. long.;
- (14) 48°04.47' N. lat., 125°21.75' W. long.;
- (15) 48°06.11' N. lat., 125°19.33' W. long.;
- (16) 48°07.95' N. lat., 125°18.55' W. long.;
- (17) 48°09.00' N. lat., 125°18.00' W. long.;
- (18) 48°10.00' N. lat., 125°17.81' W. long.;
- (19) 48°11.31' N. lat., 125°17.55' W. long.;
- (20) 48°14.60' N. lat., 125°13.46' W. long.;
- (21) 48°16.67' N. lat., 125°14.34' W. long.;
- (22) 48°18.73' N. lat., 125°14.41' W. long.;
- (23) 48°19.67' N. lat., 125°13.70' W. long.;
- (24) 48°19.70' N. lat., 125°11.13' W. long.;
- (25) 48°22.95' N. lat., 125°10.79' W. long.;
- (26) 48°21.61' N. lat., 125°02.54' W. long.;
- (27) 48°23.00' N. lat., 124°49.34' W. long.;
- (28) 48°17.00' N. lat., 124°56.50' W. long.;
- (29) 48°06.00' N. lat., 125°00.00' W. long.;
- (30) 48°04.62' N. lat., 125°01.73' W. long.;
- (31) 48°04.84' N. lat., 125°04.03' W. long.;
- (32) 48°06.41' N. lat., 125°06.51' W. long.;
- (33) 48°06.00' N. lat., 125°08.00' W. long.;
- (34) 48°07.08' N. lat., 125°09.34' W. long.;
- (35) 48°07.28' N. lat., 125°11.14' W. long.;

- (36) 48°03.45' N. lat., 125°16.66' W. long.;
- (37) 48°02.35' N. lat., 125°17.30' W. long.;
- (38) 48°02.35' N. lat., 125°18.07' W. long.;
- (39) 48°00.00' N. lat., 125°19.30' W. long.;
- (40) 47°59.50' N. lat., 125°18.88' W. long.;
- (41) 47°58.68' N. lat., 125°16.19' W. long.;
- (42) 47°56.62' N. lat., 125°13.50' W. long.;
- (43) 47°53.71' N. lat., 125°11.96' W. long.;
- (44) 47°51.70' N. lat., 125°09.38' W. long.;
- (45) 47°49.95' N. lat., 125°06.07' W. long.;
- (46) 47°49.00' N. lat., 125°03.00' W. long.;
- (47) 47°46.95' N. lat., 125°04.00' W. long.;
- (48) 47°46.58' N. lat., 125°03.15' W. long.;
- (49) 47°44.07' N. lat., 125°04.28' W. long.;
- (50) 47°43.32' N. lat., 125°04.41' W. long.;
- (51) 47°40.95' N. lat., 125°04.14' W. long.;
- (52) 47°39.58' N. lat., 125°04.97' W. long.;
- (53) 47°36.23' N. lat., 125°02.77' W. long.;
- (54) 47°34.28' N. lat., 124°58.66' W. long.;
- (55) 47°32.17' N. lat., 124°57.77' W. long.;
- (56) 47°30.27' N. lat., 124°56.16' W. long.;
- (57) 47°30.60' N. lat., 124°54.80' W. long.;
- (58) 47°29.26' N. lat., 124°52.21' W. long.;
- (59) 47°28.21' N. lat., 124°50.65' W. long.;
- (60) 47°27.38' N. lat., 124°49.34' W. long.;
- (61) 47°25.61' N. lat., 124°48.26' W. long.;
- (62) 47°23.54' N. lat., 124°46.42' W. long.;
- (63) 47°20.64' N. lat., 124°45.91' W. long.;
- (64) 47°17.99' N. lat., 124°45.59' W. long.;
- (65) 47°18.20' N. lat., 124°49.12' W. long.;
- (66) 47°15.01' N. lat., 124°51.09' W. long.;



- (67) 47°12.61' N. lat., 124°54.89' W. long.;
- (68) 47°08.22' N. lat., 124°56.53' W. long.;
- (69) 47°08.50' N. lat., 124°57.74' W. long.;
- (70) 47°01.92' N. lat., 124°54.95' W. long.;
- (71) 47°01.08' N. lat., 124°59.22' W. long.;
- (72) 46°58.48' N. lat., 124°57.81' W. long.;
- (73) 46°56.79' N. lat., 124°56.03' W. long.;
- (74) 46°58.01' N. lat., 124°55.09' W. long.;
- (75) 46°55.07' N. lat., 124°54.14' W. long.;
- (76) 46°59.60' N. lat., 124°49.79' W. long.;
- (77) 46°58.72' N. lat., 124°48.78' W. long.;
- (78) 46°54.45' N. lat., 124°48.36' W. long.;
- (79) 46°53.99' N. lat., 124°49.95' W. long.;
- (80) 46°54.38' N. lat., 124°52.73' W. long.;
- (81) 46°52.38' N. lat., 124°52.02' W. long.;
- (82) 46°48.93' N. lat., 124°49.17' W. long.;
- (83) 46°41.50' N. lat., 124°43.00' W. long.;
- (84) 46°34.50' N. lat., 124°28.50' W. long.;
- (85) 46°29.00' N. lat., 124°30.00' W. long.;
- (86) 46°20.00' N. lat., 124°36.50' W. long.;
- (87) 46°18.40' N. lat., 124°37.70' W. long.;
- (88) 46°18.03' N. lat., 124°35.46' W. long.;
- (89) 46°17.00' N. lat., 124°22.50' W. long.;
- (90) 46°16.00' N. lat., 124°20.62' W. long.;
- (91) 46°13.52' N. lat., 124°25.49' W. long.;
- (92) 46°12.17' N. lat., 124°30.74' W. long.;
- (93) 46°10.63' N. lat., 124°37.96' W. long.;
- (94) 46°09.29' N. lat., 124°39.01' W. long.;
- (95) 46°02.40' N. lat., 124°40.37' W. long.;
- (96) 45°56.45' N. lat., 124°38.00' W. long.;
- (97) 45°51.92' N. lat., 124°38.50' W. long.;

- (98) 45°47.20' N. lat., 124°35.58' W. long.;
- (99) 45°46.40' N. lat., 124°32.36' W. long.;
- (100) 45°46.00' N. lat., 124°32.10' W. long.;
- (101) 45°41.75' N. lat., 124°28.12' W. long.;
- (102) 45°36.95' N. lat., 124°24.47' W. long.;
- (103) 45°31.84' N. lat., 124°22.04' W. long.;
- (104) 45°27.10' N. lat., 124°21.74' W. long.;
- (105) 45°20.25' N. lat., 124°18.54' W. long.;
- (106) 45°18.14' N. lat., 124°17.59' W. long.;
- (107) 45°11.08' N. lat., 124°16.97' W. long.;
- (108) 45°04.39' N. lat., 124°18.35' W. long.;
- (109) 45°03.83' N. lat., 124°18.60' W. long.;
- (110) 44°58.05' N. lat., 124°21.58' W. long.;
- (111) 44°47.67' N. lat., 124°31.41' W. long.;
- (112) 44°44.54' N. lat., 124°33.58' W. long.;
- (113) 44°39.88' N. lat., 124°35.00' W. long.;
- (114) 44°32.90' N. lat., 124°36.81' W. long.;
- (115) 44°30.34' N. lat., 124°38.56' W. long.;
- (116) 44°30.04' N. lat., 124°42.31' W. long.;
- (117) 44°26.84' N. lat., 124°44.91' W. long.;
- (118) 44°17.99' N. lat., 124°51.04' W. long.;
- (119) 44°12.92' N. lat., 124°56.28' W. long.;
- (120) 44°02.34' N. lat., 124°55.46' W. long.;
- (121) 43°59.18' N. lat., 124°56.94' W. long.;
- (122) 43°56.74' N. lat., 124°56.74' W. long.;
- (123) 43°56.07' N. lat., 124°55.41' W. long.;
- (124) 43°55.41' N. lat., 124°52.21' W. long.;
- (125) 43°54.62' N. lat., 124°48.23' W. long.;
- (126) 43°55.90' N. lat., 124°41.11' W. long.;
- (127) 43°57.36' N. lat., 124°38.68' W. long.;
- (128) 43°56.47' N. lat., 124°34.61' W. long.;

- (129) 43°42.73' N. lat., 124°32.41' W. long.;
- (130) 43°30.92' N. lat., 124°34.43' W. long.;
- (131) 43°20.83' N. lat., 124°39.39' W. long.;
- (132) 43°17.45' N. lat., 124°41.16' W. long.;
- (133) 43°07.04' N. lat., 124°41.25' W. long.;
- (134) 43°03.45' N. lat., 124°44.36' W. long.;
- (135) 43°03.91' N. lat., 124°50.81' W. long.;
- (136) 42°55.70' N. lat., 124°52.79' W. long.;
- (137) 42°54.12' N. lat., 124°47.36' W. long.;
- (138) 42°50.00' N. lat., 124°45.33' W. long.;
- (139) 42°44.00' N. lat., 124°42.38' W. long.;
- (140) 42°40.50' N. lat., 124°41.71' W. long.;
- (141) 42°38.23' N. lat., 124°41.25' W. long.;
- (142) 42°33.02' N. lat., 124°42.38' W. long.;
- (143) 42°31.90' N. lat., 124°42.04' W. long.;
- (144) 42°30.08' N. lat., 124°42.67' W. long.;
- (145) 42°28.28' N. lat., 124°47.08' W. long.;
- (146) 42°25.22' N. lat., 124°43.51' W. long.;
- (147) 42°19.23' N. lat., 124°37.91' W. long.;
- (148) 42°16.29' N. lat., 124°36.11' W. long.;
- (149) 42°13.67' N. lat., 124°35.81' W. long.;
- (150) 42°05.66' N. lat., 124°34.92' W. long.;
- (151) 42°00.00' N. lat., 124°35.27' W. long.;
- (152) 41°47.04' N. lat., 124°27.64' W. long.;
- (153) 41°32.92' N. lat., 124°28.79' W. long.;
- (154) 41°24.17' N. lat., 124°28.46' W. long.;
- (155) 41°10.12' N. lat., 124°20.50' W. long.;
- (156) 40°51.41' N. lat., 124°24.38' W. long.;
- (157) 40°43.71' N. lat., 124°29.89' W. long.;
- (158) 40°40.14' N. lat., 124°30.90' W. long.;
- (159) 40°39.44' N. lat., 124°29.08' W. long.;

- (160) 40°37.08' N lat., 124°28.29' W long.;
- (161) 40°34.76' N lat., 124°29.82' W long.;
- (162) 40°36.78' N lat., 124°37.06' W long.;
- (163) 40°32.44' N lat., 124°39.58' W long.;
- (164) 40°30.37' N lat., 124°37.30' W long.;
- (165) 40°28.48' N lat., 124°36.95' W long.;
- (166) 40°24.82' N lat., 124°35.12' W long.;
- (167) 40°23.30' N lat., 124°31.60' W long.;
- (168) 40°23.52' N lat., 124°28.78' W long.;
- (169) 40°22.43' N lat., 124°25.00' W long.;
- (170) 40°21.72' N lat., 124°24.94' W long.;
- (171) 40°21.87' N lat., 124°27.96' W long.;
- (172) 40°21.40' N lat., 124°28.74' W long.;
- (173) 40°19.68' N lat., 124°28.49' W long.;
- (174) 40°17.73' N lat., 124°25.43' W long.;
- (175) 40°18.37' N lat., 124°23.35' W long.;
- (176) 40°15.75' N lat., 124°26.05' W long.;
- (177) 40°16.75' N lat., 124°33.71' W long.;
- (178) 40°16.29' N lat., 124°34.36' W long.;
- (179) 40°10.13' N lat., 124°21.92' W long.;
- (180) 40°07.70' N lat., 124°18.44' W long.;
- (181) 40°08.84' N lat., 124°15.86' W long.;
- (182) 40°06.39' N lat., 124°17.26' W long.;
- (183) 40°03.15' N lat., 124°14.43' W long.;
- (184) 40°02.19' N lat., 124°12.85' W long.;
- (185) 40°02.89' N lat., 124°11.78' W long.;
- (186) 40°02.78' N lat., 124°10.70' W long.;
- (187) 40°04.57' N lat., 124°10.08' W long.;
- (188) 40°06.06' N lat., 124°08.30' W long.;
- (189) 40°04.05' N lat., 124°08.93' W long.;
- (190) 40°01.17' N lat., 124°08.80' W long.;

- (191) 40°01.00' N lat., 124°09.96' W long.;
- (192) 39°58.07' N lat., 124°11.81' W long.;
- (193) 39°56.39' N lat., 124°08.69' W long.;
- (194) 39°54.64' N lat., 124°07.30' W long.;
- (195) 39°53.86' N lat., 124°07.95' W long.;
- (196) 39°51.95' N lat., 124°07.63' W long.;
- (197) 39°48.78' N lat., 124°03.29' W long.;
- (198) 39°47.36' N lat., 124°03.31' W long.;
- (199) 39°40.08' N lat., 123°58.37' W long.;
- (200) 39°36.16' N lat., 123°56.90' W long.;
- (201) 39°30.75' N lat., 123°55.86' W long.;
- (202) 39°31.62' N lat., 123°57.33' W long.;
- (203) 39°30.91' N lat., 123°57.88' W long.;
- (204) 39°01.79' N lat., 123°56.59' W long.;
- (205) 38°59.42' N lat., 123°55.67' W long.;
- (206) 38°58.89' N lat., 123°56.28' W long.;
- (207) 38°57.50' N lat., 123°56.28' W long.;
- (208) 38°54.72' N lat., 123°55.68' W long.;
- (209) 38°48.95' N lat., 123°51.85' W long.;
- (210) 38°36.67' N lat., 123°40.20' W long.;
- (211) 38°33.82' N lat., 123°39.23' W long.;
- (212) 38°29.02' N lat., 123°33.52' W long.;
- (213) 38°18.88' N lat., 123°25.93' W long.;
- (214) 38°14.12' N lat., 123°23.26' W long.;
- (215) 38°11.07' N lat., 123°22.07' W long.;
- (216) 38°03.18' N lat., 123°20.77' W long.;
- (217) 38°00.00' N lat., 123°23.08' W long.;
- (218) 37°55.07' N lat., 123°26.81' W long.;
- (219) 37°50.66' N lat., 123°23.06' W long.;
- (220) 37°45.18' N lat., 123°11.88' W long.;
- (221) 37°35.67' N lat., 123°01.20' W long.;

- (222) 37°26.81' N lat., 122°55.57' W long.;
- (223) 37°26.78' N lat., 122°53.91' W long.;
- (224) 37°25.74' N lat., 122°54.13' W long.;
- (225) 37°25.33' N lat., 122°53.59' W long.;
- (226) 37°25.29' N lat., 122°52.57' W long.;
- (227) 37°24.50' N lat., 122°52.09' W long.;
- (228) 37°23.25' N lat., 122°53.12' W long.;
- (229) 37°15.58' N lat., 122°48.36' W long.;
- (230) 37°11.00' N lat., 122°44.50' W long.;
- (231) 37°07.00' N lat., 122°41.25' W long.;
- (232) 37°03.18' N lat., 122°38.15' W long.;
- (233) 37°00.48' N lat., 122°33.93' W long.;
- (234) 36°58.70' N lat., 122°27.22' W long.;
- (235) 37°00.85' N lat., 122°24.70' W long.;
- (236) 36°58.00' N lat., 122°24.14' W long.;
- (237) 36°58.74' N lat., 122°21.51' W long.;
- (238) 36°56.97' N lat., 122°21.32' W long.;
- (239) 36°51.52' N lat., 122°10.68' W long.;
- (240) 36°48.39' N lat., 122°07.60' W long.;
- (241) 36°47.43' N lat., 122°03.22' W long.;
- (242) 36°50.95' N lat., 121°58.03' W long.;
- (243) 36°49.92' N lat., 121°58.01' W long.;
- (244) 36°48.86' N lat., 121°58.80' W long.;
- (245) 36°47.76' N lat., 121°58.68' W long.;
- (246) 36°48.39' N lat., 121°51.10' W long.;
- (247) 36°45.74' N lat., 121°54.17' W long.;
- (248) 36°45.51' N lat., 121°57.72' W long.;
- (249) 36°38.84' N lat., 122°01.32' W long.;
- (250) 36°35.62' N lat., 122°00.98' W long.;
- (251) 36°32.46' N lat., 121°59.15' W long.;
- (252) 36°32.79' N lat., 121°57.67' W long.;

- (253) 36°31.98' N lat., 121°56.55' W long.;
- (254) 36°31.79' N lat., 121°58.40' W long.;
- (255) 36°30.73' N lat., 121°59.70' W long.;
- (256) 36°30.31' N lat., 122°00.22' W long.;
- (257) 36°29.35' N lat., 122°00.28' W long.;
- (258) 36°27.66' N lat., 121°59.80' W long.;
- (259) 36°26.22' N lat., 121°58.35' W long.;
- (260) 36°21.20' N lat., 122°00.72' W long.;
- (261) 36°20.47' N lat., 122°02.92' W long.;
- (262) 36°18.46' N lat., 122°04.51' W long.;
- (263) 36°15.92' N lat., 122°01.33' W long.;
- (264) 36°13.81' N lat., 121°57.40' W long.;
- (265) 36°14.43' N lat., 121°55.43' W long.;
- (266) 36°10.24' N lat., 121°43.08' W long.;
- (267) 36°07.66' N lat., 121°40.91' W long.;
- (268) 36°02.49' N lat., 121°36.51' W long.;
- (269) 36°01.08' N lat., 121°36.63' W long.;
- (270) 36°00.00' N lat., 121°35.41' W long.;
- (271) 35°57.84' N lat., 121°32.81' W long.;
- (272) 35°50.36' N lat., 121°29.32' W long.;
- (273) 35°39.03' N lat., 121°22.86' W long.;
- (274) 35°24.27' N lat., 121°02.74' W long.;
- (275) 35°16.53' N lat., 121°00.39' W long.;
- (276) 35°04.82' N lat., 120°53.96' W long.;
- (277) 34°52.51' N lat., 120°51.62' W long.;
- (278) 34°43.36' N lat., 120°52.12' W long.;
- (279) 34°38.06' N lat., 120°49.65' W long.;
- (280) 34°30.85' N lat., 120°44.76' W long.;
- (281) 34°27.00' N lat., 120°39.00' W long.;
- (282) 34°21.90' N lat., 120°25.25' W long.;
- (283) 34°24.86' N lat., 120°16.81' W long.;

- (284) 34°22.80' N lat., 119°57.06' W long.;
- (285) 34°18.59' N lat., 119°44.84' W long.;
- (286) 34°15.04' N lat., 119°40.34' W long.;
- (287) 34°14.40' N lat., 119°45.39' W long.;
- (288) 34°12.32' N lat., 119°42.41' W long.;
- (289) 34°09.71' N lat., 119°28.85' W long.;
- (290) 34°04.70' N lat., 119°15.38' W long.;
- (291) 34°03.33' N lat., 119°12.93' W long.;
- (292) 34°02.72' N lat., 119°07.01' W long.;
- (293) 34°03.90' N lat., 119°04.64' W long.;
- (294) 34°02.75' N lat., 119°02.88' W long.;
- (295) 33°59.44' N lat., 119°03.43' W long.;
- (296) 33°59.12' N lat., 118°59.59' W long.;
- (297) 33°59.84' N lat., 118°57.29' W long.;
- (298) 33°58.83' N lat., 118°46.69' W long.;
- (299) 33°58.73' N lat., 118°41.76' W long.;
- (300) 33°55.09' N lat., 118°34.11' W long.;
- (301) 33°54.09' N lat., 118°38.42' W long.;
- (302) 33°51.00' N lat., 118°36.66' W long.;
- (303) 33°49.06' N lat., 118°31.86' W long.;
- (304) 33°49.69' N lat., 118°26.49' W long.;
- (305) 33°49.35' N lat., 118°26.04' W long.;
- (306) 33°47.60' N lat., 118°31.13' W long.;
- (307) 33°39.82' N lat., 118°18.31' W long.;
- (308) 33°35.68' N lat., 118°16.81' W long.;
- (309) 33°32.85' N lat., 118°09.41' W long.;
- (310) 33°35.14' N lat., 118°04.95' W long.;
- (311) 33°33.56' N lat., 118°00.63' W long.;
- (312) 33°34.25' N lat., 117°53.44' W long.;
- (313) 33°31.65' N lat., 117°49.21' W long.;
- (314) 33°16.07' N lat., 117°34.74' W long.;



- (315) 33°07.06' N lat., 117°22.71' W long.;
- (316) 33°02.81' N lat., 117°21.17' W long.;
- (317) 33°01.76' N lat., 117°20.51' W long.;
- (318) 32°59.90' N lat., 117°19.38' W long.;
- (319) 32°57.29' N lat., 117°18.94' W long.;
- (320) 32°56.15' N lat., 117°19.54' W long.;
- (321) 32°55.30' N lat., 117°19.38' W long.;
- (322) 32°54.27' N lat., 117°17.17' W long.;
- (323) 32°52.94' N lat., 117°17.11' W long.;
- (324) 32°52.66' N lat., 117°19.67' W long.;
- (325) 32°50.95' N lat., 117°21.17' W long.;
- (326) 32°47.11' N lat., 117°22.98' W long.;
- (327) 32°45.60' N lat., 117°22.64' W long.;
- (328) 32°42.79' N lat., 117°21.16' W long.; and
- (329) 32°34.22' N lat., 117°21.20' W long.

(b) The 100 fm (183 m) depth contour around San Clemente Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°04.80' N lat., 118°37.90' W long.;
- (2) 33°02.65' N lat., 118°34.08' W long.;
- (3) 32°55.80' N lat., 118°28.92' W long.;
- (4) 32°55.04' N lat., 118°27.68' W long.;
- (5) 32°49.79' N lat., 118°20.87' W long.;
- (6) 32°48.05' N lat., 118°19.62' W long.;
- (7) 32°47.41' N lat., 118°21.86' W long.;
- (8) 32°44.03' N lat., 118°24.70' W long.;
- (9) 32°47.81' N lat., 118°30.20' W long.;
- (10) 32°49.79' N lat., 118°32.00' W long.;
- (11) 32°53.36' N lat., 118°33.23' W long.;
- (12) 32°55.13' N lat., 118°35.31' W long.;
- (13) 33°00.22' N lat., 118°38.68' W long.;
- (14) 33°03.13' N lat., 118°39.59' W long.; and
- (15) 33°04.80' N lat., 118°37.90' W long.

(c) The 100 fm (183 m) depth contour around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°28.23' N. lat., 118°39.38' W. long.;
- (2) 33°29.60' N. lat., 118°36.11' W. long.;
- (3) 33°29.14' N. lat., 118°30.81' W. long.;
- (4) 33°26.97' N. lat., 118°27.57' W. long.;
- (5) 33°25.68' N. lat., 118°23.00' W. long.;
- (6) 33°22.67' N. lat., 118°18.41' W. long.;
- (7) 33°19.72' N. lat., 118°16.25' W. long.;
- (8) 33°17.14' N. lat., 118°14.96' W. long.;
- (9) 33°16.09' N. lat., 118°15.46' W. long.;
- (10) 33°18.14' N lat., 118°27.94' W long.;
- (11) 33°19.84' N lat., 118°32.22' W long.;
- (12) 33°20.81' N lat., 118°32.91' W long.;
- (13) 33°21.94' N lat., 118°32.03' W long.;
- (14) 33°23.14' N lat., 118°30.12' W long.;
- (15) 33°24.87' N. lat., 118°32.45' W. long.;
- (16) 33°25.30' N. lat., 118°34.32' W. long.; and
- (17) 33°28.23' N. lat., 118°39.38' W. long.

(d) The 100 fm (183 m) depth contour around the northern Channel Islands off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 34°12.89' N lat., 120°29.31' W long.;
- (2) 34°10.96' N lat., 120°25.19' W long.;
- (3) 34°08.74' N lat., 120°18.00' W long.;
- (4) 34°07.02' N lat., 120°10.45' W long.;
- (5) 34°06.75' N lat., 120°05.09' W long.;
- (6) 34°08.15' N lat., 119°54.96' W long.;
- (7) 34°07.17' N lat., 119°48.54' W long.;
- (8) 34°05.66' N lat., 119°37.58' W long.;
- (9) 34°04.76' N lat., 119°26.28' W long.;
- (10) 34°02.97' N lat., 119°16.89' W long.;
- (11) 34°00.97' N lat., 119°18.78' W long.;

- (12) 33°59.38' N lat., 119°21.71' W long.;
- (13) 33°58.62' N lat., 119°32.05' W long.;
- (14) 33°57.69' N lat., 119°33.38' W long.;
- (15) 33°57.40' N lat., 119°35.84' W long.;
- (16) 33°56.07' N lat., 119°41.10' W long.
- (17) 33°55.54' N lat., 119°47.99' W long.;
- (18) 33°56.60' N lat., 119°51.40' W long.;
- (19) 33°55.56' N lat., 119°53.87' W long.;
- (20) 33°54.40' N lat., 119°53.74' W long.;
- (21) 33°52.72' N lat., 119°54.62' W long.;
- (22) 33°47.95' N lat., 119°53.50' W long.;
- (23) 33°45.75' N lat., 119°51.04' W long.;
- (24) 33°40.18' N lat., 119°50.36' W long.;
- (25) 33°38.19' N lat., 119°57.85' W long.;
- (26) 33°44.92' N lat., 120°02.95' W long.;
- (27) 33°48.90' N lat., 120°05.34' W long.;
- (28) 33°51.64' N lat., 120°08.11' W long.;
- (29) 33°58.31' N lat., 120°27.99' W long.;
- (30) 34°03.23' N lat., 120°34.34' W long.;
- (31) 34°09.42' N lat., 120°37.64' W long.; and
- (32) 34°12.89' N lat., 120°29.31' W long.

(e) The 100 fm (183 m) depth contour around Santa Barbara Island off the State of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°33.85' N lat., 119°4.87' W long.;
- (2) 33°33.27' N lat., 119°5.67' W long.;
- (3) 33°31.9' N lat., 119°5.08' W long.;
- (4) 33°28.62' N lat., 119°7.28' W long.;
- (5) 33°27.04' N lat., 119°5.84' W long.;
- (6) 33°26.2' N lat., 119°3.24' W long.;
- (7) 33°27.07' N lat., 118°59.96' W long.;
- (8) 33°28.7' N lat., 118°58.76' W long.;
- (9) 33°31' N lat., 119°1.02' W long.;

- (10) 33°31.99' N lat., 119°2.86' W long.; and
  - (11) 33°33.85' N lat., 119°4.87' W long.
- (f) The 100 fm (183 m) depth contour around Tanner Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°45.92' N lat., 119°14.6' W long.;
  - (2) 32°44.34' N lat., 119°16.43' W long.;
  - (3) 32°36.75' N lat., 119°4.51' W long.;
  - (4) 32°41.41' N lat., 119°2.93' W long.;
  - (5) 32° 45.85' N lat., 119°10.62' W long.; and
  - (6) 32° 45.92' N lat., 119°14.6' W long.
- (g) The 100 fm (183 m) depth contour around San Nicholas Island off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 33°31.37' N lat., 119°44.84' W long.;
  - (2) 33°28.82' N lat., 119°52.19' W long.;
  - (3) 33°25.43' N lat., 119°51.27' W long.;
  - (4) 33°18.01' N lat., 119°47.18' W long.;
  - (5) 33°15.8' N lat., 119°43.64' W long.;
  - (6) 33°14.22' N lat., 119°37' W long.;
  - (7) 33°11.56' N lat., 119°29.58' W long.;
  - (8) 33°11.28' N lat., 119°26.54' W long.;
  - (9) 33°12.94' N lat., 119°15.86' W long.;
  - (10) 33°14.48' N lat., 119°16.97' W long.;
  - (11) 33°17.33' N lat., 119°22.93' W long.;
  - (12) 33°21.28' lat., 119°27.66' W long.;
  - (13) 33°23.38' N lat., 119°33.29' W long.; and
  - (14) 33°31.37' N lat., 119°44.84' W long.
- (h) The 100 fm (183 m) depth contour around Cortes Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°37.79' N lat., 119°19.68' W long.;
  - (2) 32°36.19' N lat., 119°21.84' W long.;
  - (3) 32°33.16' N lat., 119°21.76' W long.;
  - (4) 32°30.92' N lat., 119°20.46' W long.;

- (5) 32°29.25' N lat., 119°15.93' W long.;
  - (6) 32°29.44' N lat., 119°15.44' W long.;
  - (7) 32°29.23' N lat., 119°15.23' W long.;
  - (8) 32°27.48' N lat., 119°15.56' W long.;
  - (9) 32°23.19' N lat., 119°3.23' W long.;
  - (10) 32°22.94' N lat., 118°57.58' W long.;
  - (11) 32°24.47' N lat., 118°57.61' W long.;
  - (12) 32°27.3' N lat., 119°1.06' W long.; and
  - (13) 32°37.79' N lat., 119°19.68' W long.
- (i) The 125-fm (229-m) depth contour used between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:
- (1) 48°15.00' N. lat., 125°41.13' W. long.;
  - (2) 48°13.05' N. lat., 125°37.43' W. long.;
  - (3) 48°08.62' N. lat., 125°41.68' W. long.;
  - (4) 48°07.42' N. lat., 125°42.38' W. long.;
  - (5) 48°04.20' N. lat., 125°36.57' W. long.;
  - (6) 48°02.79' N. lat., 125°35.55' W. long.;
  - (7) 48°00.48' N. lat., 125°37.84' W. long.;
  - (8) 47°54.90' N. lat., 125°34.79' W. long.;
  - (9) 47°58.37' N. lat., 125°26.58' W. long.;
  - (10) 47°59.84' N. lat., 125°25.20' W. long.;
  - (11) 48°01.85' N. lat., 125°24.12' W. long.;
  - (12) 48°02.13' N. lat., 125°22.80' W. long.;
  - (13) 48°03.31' N. lat., 125°22.46' W. long.;
  - (14) 48°06.83' N. lat., 125°17.73' W. long.;
  - (15) 48°10.08' N. lat., 125°15.56' W. long.;
  - (16) 48°11.24' N. lat., 125°13.72' W. long.;
  - (17) 48°12.41' N. lat., 125°14.48' W. long.;
  - (18) 48°13.01' N. lat., 125°13.77' W. long.;
  - (19) 48°13.59' N. lat., 125°12.83' W. long.;
  - (20) 48°12.22' N. lat., 125°12.28' W. long.;
  - (21) 48°11.15' N. lat., 125°12.26' W. long.;

- (22) 48°10.18' N. lat., 125°10.44' W. long.;
- (23) 48°10.18' N. lat., 125°06.32' W. long.;
- (24) 48°15.39' N. lat., 125°02.83' W. long.;
- (25) 48°18.32' N. lat., 125°01.00' W. long.;
- (26) 48°21.67' N. lat., 125°01.86' W. long.;
- (27) 48°25.70' N. lat., 125°00.10' W. long.;
- (28) 48°26.43' N. lat., 124°56.65' W. long.;
- (29) 48°24.28' N. lat., 124°56.48' W. long.;
- (30) 48°23.27' N. lat., 124°59.12' W. long.;
- (31) 48°21.79' N. lat., 124°59.30' W. long.;
- (32) 48°20.71' N. lat., 124°58.74' W. long.;
- (33) 48°19.84' N. lat., 124°57.09' W. long.;
- (34) 48°22.06' N. lat., 124°54.78' W. long.;
- (35) 48°22.45' N. lat., 124°53.35' W. long.;
- (36) 48°22.74' N. lat., 124°50.96' W. long.;
- (37) 48°21.04' N. lat., 124°52.60' W. long.;
- (38) 48°18.07' N. lat., 124°55.85' W. long.;
- (39) 48°15.03' N. lat., 124°58.16' W. long.;
- (40) 48°11.31' N. lat., 124°58.53' W. long.;
- (41) 48°06.25' N. lat., 125°00.06' W. long.;
- (42) 48°04.70' N. lat., 125°01.80' W. long.;
- (43) 48°04.93' N. lat., 125°03.92' W. long.;
- (44) 48°06.44' N. lat., 125°06.50' W. long.;
- (45) 48°07.34' N. lat., 125°09.35' W. long.;
- (46) 48°07.62' N. lat., 125°11.37' W. long.;
- (47) 48°03.71' N. lat., 125°17.63' W. long.;
- (48) 48°01.35' N. lat., 125°18.66' W. long.;
- (49) 48°00.05' N. lat., 125°19.66' W. long.;
- (50) 47°59.51' N. lat., 125°18.90' W. long.;
- (51) 47°58.29' N. lat., 125°16.64' W. long.;
- (52) 47°54.67' N. lat., 125°13.20' W. long.;

- (53) 47°53.15' N. lat., 125°12.53' W. long.;
- (54) 47°48.46' N. lat., 125°04.72' W. long.;
- (55) 47°46.10' N. lat., 125°04.00' W. long.;
- (56) 47°44.60' N. lat., 125°04.49' W. long.;
- (57) 47°42.90' N. lat., 125°04.72' W. long.;
- (58) 47°40.71' N. lat., 125°04.68' W. long.;
- (59) 47°39.02' N. lat., 125°05.63' W. long.;
- (60) 47°34.86' N. lat., 125°02.11' W. long.;
- (61) 47°31.64' N. lat., 124°58.11' W. long.;
- (62) 47°29.69' N. lat., 124°55.71' W. long.;
- (63) 47°29.35' N. lat., 124°53.23' W. long.;
- (64) 47°28.56' N. lat., 124°51.34' W. long.;
- (65) 47°25.31' N. lat., 124°48.20' W. long.;
- (66) 47°23.92' N. lat., 124°47.15' W. long.;
- (67) 47°18.09' N. lat., 124°45.74' W. long.;
- (68) 47°18.65' N. lat., 124°51.51' W. long.;
- (69) 47°18.12' N. lat., 124°52.58' W. long.;
- (70) 47°17.64' N. lat., 124°50.45' W. long.;
- (71) 47°16.31' N. lat., 124°50.92' W. long.;
- (72) 47°15.60' N. lat., 124°52.62' W. long.;
- (73) 47°14.25' N. lat., 124°52.49' W. long.;
- (74) 47°11.32' N. lat., 124°57.19' W. long.;
- (75) 47°09.14' N. lat., 124°57.46' W. long.;
- (76) 47°08.83' N. lat., 124°58.47' W. long.;
- (77) 47°05.88' N. lat., 124°58.26' W. long.;
- (78) 47°03.60' N. lat., 124°55.84' W. long.;
- (79) 47°02.91' N. lat., 124°56.15' W. long.;
- (80) 47°01.08' N. lat., 124°59.46' W. long.;
- (81) 46°58.13' N. lat., 124°58.83' W. long.;
- (82) 46°57.44' N. lat., 124°57.78' W. long.;
- (83) 46°55.98' N. lat., 124°54.60' W. long.;

- (84) 46°54.90' N. lat., 124°54.14' W. long.;
- (85) 46°58.47' N. lat., 124°49.65' W. long.;
- (86) 46°54.44' N. lat., 124°48.79' W. long.;
- (87) 46°54.41' N. lat., 124°52.87' W. long.;
- (88) 46°49.36' N. lat., 124°52.77' W. long.;
- (89) 46°40.06' N. lat., 124°45.34' W. long.;
- (90) 46°39.64' N. lat., 124°42.21' W. long.;
- (91) 46°34.27' N. lat., 124°34.63' W. long.;
- (92) 46°33.58' N. lat., 124°29.10' W. long.;
- (93) 46°25.64' N. lat., 124°32.57' W. long.;
- (94) 46°21.33' N. lat., 124°36.36' W. long.;
- (95) 46°20.59' N. lat., 124°36.15' W. long.;
- (96) 46°19.38' N. lat., 124°38.21' W. long.;
- (97) 46°17.94' N. lat., 124°38.10' W. long.;
- (98) 46°16.00' N. lat., 124°22.17' W. long.;
- (99) 46°13.37' N. lat., 124°30.70' W. long.;
- (100) 46°12.20' N. lat., 124°36.04' W. long.;
- (101) 46°11.01' N. lat., 124°38.68' W. long.;
- (102) 46°09.73' N. lat., 124°39.91' W. long.;
- (103) 46°03.23' N. lat., 124°42.03' W. long.;
- (104) 46°01.16' N. lat., 124°42.06' W. long.;
- (105) 46°00.35' N. lat., 124°42.26' W. long.;
- (106) 45°52.81' N. lat., 124°41.62' W. long.;
- (107) 45°49.70' N. lat., 124°41.14' W. long.;
- (108) 45°46.00' N. lat., 124°38.92' W. long.;
- (109) 45°45.18' N. lat., 124°38.39' W. long.;
- (110) 45°43.24' N. lat., 124°37.77' W. long.;
- (111) 45°34.75' N. lat., 124°28.58' W. long.;
- (112) 45°19.90' N. lat., 124°21.34' W. long.;
- (113) 45°12.44' N. lat., 124°19.34' W. long.;
- (114) 45°07.48' N. lat., 124°19.73' W. long.;



- (115) 45°03.83' N. lat., 124°21.20' W. long.;
- (116) 44°59.96' N. lat., 124°22.91' W. long.;
- (117) 44°54.73' N. lat., 124°26.84' W. long.;
- (118) 44°51.16' N. lat., 124°31.41' W. long.;
- (119) 44°49.97' N. lat., 124°32.37' W. long.;
- (120) 44°47.06' N. lat., 124°34.43' W. long.;
- (121) 44°41.38' N. lat., 124°36.52' W. long.;
- (122) 44°31.80' N. lat., 124°38.11' W. long.;
- (123) 44°30.35' N. lat., 124°43.03' W. long.;
- (124) 44°27.95' N. lat., 124°45.13' W. long.;
- (125) 44°24.73' N. lat., 124°47.42' W. long.;
- (126) 44°19.67' N. lat., 124°51.17' W. long.;
- (127) 44°17.96' N. lat., 124°52.52' W. long.;
- (128) 44°13.70' N. lat., 124°56.45' W. long.;
- (129) 44°12.26' N. lat., 124°57.53' W. long.;
- (130) 44°08.30' N. lat., 124°57.17' W. long.;
- (131) 44°07.57' N. lat., 124°57.19' W. long.;
- (132) 44°04.78' N. lat., 124°56.31' W. long.;
- (133) 44°01.14' N. lat., 124°56.07' W. long.;
- (134) 43°59.43' N. lat., 124°57.22' W. long.;
- (135) 43°57.49' N. lat., 124°57.31' W. long.;
- (136) 43°55.73' N. lat., 124°55.41' W. long.;
- (137) 43°54.74' N. lat., 124°53.15' W. long.;
- (138) 43°54.58' N. lat., 124°52.18' W. long.;
- (139) 43°53.18' N. lat., 124°47.41' W. long.;
- (140) 43°53.60' N. lat., 124°37.45' W. long.;
- (141) 43°53.05' N. lat., 124°36.00' W. long.;
- (142) 43°47.93' N. lat., 124°35.18' W. long.;
- (143) 43°39.32' N. lat., 124°35.14' W. long.;
- (144) 43°32.38' N. lat., 124°35.26' W. long.;
- (145) 43°30.19' N. lat., 124°35.89' W. long.;

- (146) 43°27.80' N. lat., 124°36.42' W. long.;
- (147) 43°23.73' N. lat., 124°39.66' W. long.;
- (148) 43°20.83' N. lat., 124°41.18' W. long.;
- (149) 43°10.48' N. lat., 124°43.54' W. long.;
- (150) 43°04.77' N. lat., 124°45.51' W. long.;
- (151) 43°05.94' N. lat., 124°49.77' W. long.;
- (152) 43°03.38' N. lat., 124°51.86' W. long.;
- (153) 43°00.39' N. lat., 124°51.77' W. long.;
- (154) 42°56.80' N. lat., 124°53.38' W. long.;
- (155) 42°54.53' N. lat., 124°52.72' W. long.;
- (156) 42°52.89' N. lat., 124°47.45' W. long.;
- (157) 42°50.00' N. lat., 124°47.03' W. long.;
- (158) 42°48.10' N. lat., 124°46.75' W. long.;
- (159) 42°46.34' N. lat., 124°43.54' W. long.;
- (160) 42°41.66' N. lat., 124°42.70' W. long.;
- (161) 42°39.97' N. lat., 124°42.45' W. long.;
- (162) 42°32.53' N. lat., 124°42.77' W. long.;
- (163) 42°30.37' N. lat., 124°42.97' W. long.;
- (164) 42°28.07' N. lat., 124°47.65' W. long.;
- (165) 42°21.58' N. lat., 124°41.41' W. long.;
- (166) 42°15.17' N. lat., 124°36.25' W. long.;
- (167) 42°13.67' N. lat., 124°36.20' W. long.;
- (168) 42°8.29' N. lat., 124°36.08' W. long.;
- (169) 42°00.00' N. lat., 124°35.46' W. long.;
- (170) 41°47.67' N. lat., 124°28.67' W. long.;
- (171) 41°32.91' N. lat., 124°29.01' W. long.;
- (172) 41°22.57' N. lat., 124°28.66' W. long.;
- (173) 41°13.38' N. lat., 124°22.88' W. long.;
- (174) 41°06.42' N. lat., 124°22.02' W. long.;
- (175) 40°50.19' N. lat., 124°25.58' W. long.;
- (176) 40°44.08' N. lat., 124°30.43' W. long.;

- (177) 40°40.54' N. lat., 124°31.75' W. long.;
- (178) 40°37.36' N. lat., 124°29.17' W. long.;
- (179) 40°35.30' N. lat., 124°30.03' W. long.;
- (180) 40°37.02' N. lat., 124°37.10' W. long.;
- (181) 40°35.82' N. lat., 124°39.58' W. long.;
- (182) 40°31.70' N. lat., 124°39.97' W. long.;
- (183) 40°30.35' N. lat., 124°37.52' W. long.;
- (184) 40°28.39' N. lat., 124°37.16' W. long.;
- (185) 40°24.77' N. lat., 124°35.39' W. long.;
- (186) 40°23.22' N. lat., 124°31.87' W. long.;
- (187) 40°23.40' N. lat., 124°28.65' W. long.;
- (188) 40°22.32' N lat., 124°25.15' W long.;
- (189) 40°21.85' N lat., 124°25.09' W long.;
- (190) 40°21.91' N. lat., 124°27.97' W. long.;
- (191) 40°21.37' N. lat., 124°29.03' W. long.;
- (192) 40°19.74' N. lat., 124°28.71' W. long.;
- (193) 40°18.52' N. lat., 124°27.26' W. long.;
- (194) 40°17.57' N. lat., 124°25.49' W. long.;
- (195) 40°18.20' N. lat., 124°23.63' W. long.;
- (196) 40°15.89' N. lat., 124°26.00' W. long.;
- (197) 40°17.00' N. lat., 124°35.01' W. long.;
- (198) 40°15.97' N. lat., 124°35.91' W. long.;
- (199) 40°10.00' N. lat., 124°22.00' W. long.;
- (200) 40°07.35' N. lat., 124°18.64' W. long.;
- (201) 40°08.46' N. lat., 124°16.24' W. long.;
- (202) 40°06.26' N. lat., 124°17.54' W. long.;
- (203) 40°03.26' N. lat., 124°15.30' W. long.;
- (204) 40°02.00' N. lat., 124°12.97' W. long.;
- (205) 40°02.67' N lat., 124°11.83' W long.;
- (206) 40°02.70' N lat., 124°10.57' W long.;
- (207) 40°04.08' N lat., 124°10.09' W long.;

- (208) 40°04.08' N lat., 124°09.10' W long.;
- (209) 40°01.23' N lat., 124°08.91' W long.;
- (210) 40°01.18' N lat., 124°09.92' W long.;
- (211) 39°58.05' N. lat., 124°11.87' W long.;
- (212) 39°56.39' N lat., 124°08.70' W long.;
- (213) 39°54.64' N lat., 124°07.31' W long.;
- (214) 39°53.87' N lat., 124°07.95' W long.;
- (215) 39°52.42' N lat., 124°08.18' W long.;
- (216) 39°49.64' N lat., 124°06.05' W long.;
- (217) 39°49.30' N lat., 124°04.60' W long.;
- (218) 39°48.49' N lat., 124°03.86' W long.;
- (219) 39°47.73' N lat., 124°04.59' W long.;
- (220) 39°42.50' N lat., 124°00.60' W long.;
- (221) 39°34.23' N lat., 123°56.82' W long.;
- (222) 39°33.00' N lat., 123°56.44' W long.;
- (223) 39°30.96' N lat., 123°56.00' W long.;
- (224) 39°31.34' N lat., 123°56.71' W long.;
- (225) 39°32.03' N lat., 123°57.44' W long.;
- (226) 39°31.43' N lat., 123°58.16' W long.;
- (227) 39°05.56' N lat., 123°57.24' W long.;
- (228) 39°01.75' N lat., 123°56.83' W long.;
- (229) 38°59.52' N lat., 123°55.95' W long.;
- (230) 38°58.98' N lat., 123°56.57' W long.;
- (231) 38°57.50' N lat., 123°56.57' W long.;
- (232) 38°53.91' N lat., 123°56.00' W long.;
- (233) 38°42.57' N lat., 123°46.60' W long.;
- (234) 38°28.72' N lat., 123°35.61' W long.;
- (235) 38°28.01' N lat., 123°36.47' W long.;
- (236) 38°20.94' N lat., 123°31.26' W long.;
- (237) 38°15.94' N lat., 123°25.33' W long.;
- (238) 38°10.95' N lat., 123°23.19' W long.;

- (239) 38°05.52' N lat., 123°22.90' W long.;
- (240) 38°08.46' N lat., 123°26.23' W long.;
- (241) 38°06.95' N lat., 123°28.03' W long.;
- (242) 38°06.25' N lat., 123°29.70' W long.;
- (243) 38°04.57' N lat., 123°31.37' W long.;
- (244) 38°02.32' N lat., 123°31.09' W long.;
- (245) 37°59.97' N lat., 123°28.43' W long.;
- (246) 37°58.10' N lat., 123°26.69' W long.;
- (247) 37°55.46' N lat., 123°27.05' W long.;
- (248) 37°51.51' N lat., 123°24.86' W long.;
- (249) 37°45.01' N lat., 123°12.09' W long.;
- (250) 37°35.67' N lat., 123°01.56' W long.;
- (251) 37°26.62' N lat., 122°56.21' W long.;
- (252) 37°14.41' N lat., 122°49.07' W long.;
- (253) 37°11.00' N lat., 122°45.87' W long.;
- (254) 37°07.00' N lat., 122°41.97' W long.;
- (255) 37°03.19' N lat., 122°38.31' W long.;
- (256) 37°00.99' N lat., 122°35.51' W long.;
- (257) 36°58.31' N lat., 122°27.56' W long.;
- (258) 37°00.54' N lat., 122°24.74' W long.;
- (259) 36°57.81' N lat., 122°24.65' W long.;
- (260) 36°58.54' N lat., 122°21.67' W long.;
- (261) 36°56.52' N lat., 122°21.70' W long.;
- (262) 36°55.37' N lat., 122°18.45' W long.;
- (263) 36°52.16' N lat., 122°12.17' W long.;
- (264) 36°51.44' N lat., 122°10.79' W long.;
- (265) 36°48.05' N lat., 122°07.59' W long.;
- (266) 36°47.35' N lat., 122°03.27' W long.;
- (267) 36°50.71' N lat., 121°58.17' W long.;
- (268) 36°48.89' N lat., 121°58.90' W long.;
- (269) 36°47.70' N lat., 121°58.76' W long.;

- (270) 36°48.37' N lat., 121°51.15' W long.;
- (271) 36°45.74' N lat., 121°54.18' W long.;
- (272) 36°45.52' N lat., 121°57.74' W long.;
- (273) 36°44.02' N lat., 121°58.55' W long.;
- (274) 36°38.84' N lat., 122°01.44' W long.;
- (275) 36°35.62' N lat., 122°01.06' W long.;
- (276) 36°32.41' N lat., 121°59.18' W long.;
- (277) 36°32.52' N lat., 121°57.62' W long.;
- (278) 36°30.16' N lat., 122°00.55' W long.;
- (279) 36°24.56' N lat., 121°59.19' W long.;
- (280) 36°22.19' N lat., 122°00.30' W long.;
- (281) 36°20.62' N lat., 122°02.93' W long.;
- (282) 36°18.89' N lat., 122°05.18' W long.;
- (283) 36°14.45' N lat., 121°59.44' W long.;
- (284) 36°13.66' N lat., 121°57.17' W long.;
- (285) 36°14.35' N lat., 121°55.38' W long.;
- (286) 36°10.18' N lat., 121°43.26' W long.;
- (287) 36°07.67' N lat., 121°40.92' W long.;
- (288) 36°02.51' N lat., 121°36.76' W long.;
- (289) 36°01.04' N lat., 121°36.68' W long.;
- (290) 35°59.96' N lat., 121°35.39' W long.;
- (291) 35°57.84' N lat., 121°33.10' W long.;
- (292) 35°45.57' N lat., 121°27.26' W long.;
- (293) 35°39.02' N lat., 121°22.86' W long.;
- (294) 35°25.92' N lat., 121°05.52' W long.;
- (295) 35°16.26' N lat., 121°01.50' W long.;
- (296) 35°07.60' N lat., 120°56.49' W long.;
- (297) 34°57.77' N lat., 120°53.87' W long.;
- (298) 34°42.30' N lat., 120°53.42' W long.;
- (299) 34°37.69' N lat., 120°50.04' W long.;
- (300) 34°30.13' N lat., 120°44.45' W long.;

- (301) 34°27.00' N lat., 120°39.24' W long.;
- (302) 34°24.71' N lat., 120°35.37' W long.;
- (303) 34°21.63' N lat., 120°24.86' W long.;
- (304) 34°24.39' N lat., 120°16.65' W long.;
- (305) 34°22.48' N lat., 119°56.42' W long.;
- (306) 34°18.54' N lat., 119°46.26' W long.;
- (307) 34°16.37' N lat., 119°45.12' W long.;
- (308) 34°15.91' N lat., 119°47.29' W long.;
- (309) 34°13.80' N lat., 119°45.40' W long.;
- (310) 34°11.69' N lat., 119°41.80' W long.;
- (311) 34°09.98' N lat., 119°31.87' W long.;
- (312) 34°08.12' N lat., 119°27.71' W long.;
- (313) 34°06.35' N lat., 119°32.65' W long.;
- (314) 34°06.80' N lat., 119°40.08' W long.;
- (315) 34°07.48' N lat., 119°47.54' W long.;
- (316) 34°08.21' N lat., 119°54.90' W long.;
- (317) 34°06.85' N lat., 120°05.60' W long.;
- (318) 34°07.06' N lat., 120°10.42' W long.;
- (319) 34°08.93' N lat., 120°18.34' W long.;
- (320) 34°11.04' N lat., 120°25.20' W long.;
- (321) 34°13.01' N lat., 120°29.29' W long.;
- (322) 34°09.41' N lat., 120°37.69' W long.;
- (323) 34°03.20' N lat., 120°34.52' W long.;
- (324) 33°58.07' N lat., 120°28.33' W long.;
- (325) 33°53.37' N lat., 120°14.43' W long.;
- (326) 33°50.53' N lat., 120°07.20' W long.;
- (327) 33°45.88' N lat., 120°04.26' W long.;
- (328) 33°38.19' N lat., 119°57.85' W long.;
- (329) 33°38.19' N lat., 119°50.42' W long.;
- (330) 33°42.36' N lat., 119°49.60' W long.;
- (331) 33°53.95' N lat., 119°53.81' W long.;

- (332) 33°55.99' N lat., 119°41.40' W long.;
- (333) 33°58.48' N lat., 119°27.90' W long.;
- (334) 33°59.24' N lat., 119°23.61' W long.;
- (335) 33°59.35' N lat., 119°21.71' W long.;
- (336) 33°59.94' N lat., 119°19.57' W long.;
- (337) 34°04.48' N lat., 119°15.32' W long.;
- (338) 34°02.80' N lat., 119°12.95' W long.;
- (339) 34°02.39' N lat., 119°07.17' W long.;
- (340) 34°03.75' N lat., 119°04.72' W long.;
- (341) 34°01.82' N lat., 119°03.24' W long.;
- (342) 33°59.33' N lat., 119°03.49' W long.;
- (343) 33°59.01' N lat., 118°59.56' W long.;
- (344) 33°59.51' N lat., 118°57.25' W long.;
- (345) 33°58.83' N lat., 118°52.50' W long.;
- (346) 33°58.55' N lat., 118°41.86' W long.;
- (347) 33°55.10' N lat., 118°34.25' W long.;
- (348) 33°54.30' N lat., 118°38.71' W long.;
- (349) 33°50.88' N lat., 118°37.02' W long.;
- (350) 33°48.70' N lat., 118°31.99' W long.;
- (351) 33°48.87' N lat., 118°29.47' W long.;
- (352) 33°48.37' N lat., 118°29.40' W long.;
- (353) 33°47.63' N lat., 118°31.57' W long.;
- (354) 33°39.78' N lat., 118°18.40' W long.;
- (355) 33°35.50' N lat., 118°16.85' W long.;
- (356) 33°32.46' N lat., 118°10.90' W long.;
- (357) 33°32.81' N lat., 118°07.30' W long.;
- (358) 33°34.38' N lat., 118°05.94' W long.;
- (359) 33°34.42' N lat., 118°03.95' W long.;
- (360) 33°33.40' N lat., 118°01.26' W long.;
- (361) 33°34.11' N lat., 117°54.07' W long.;
- (362) 33°31.61' N lat., 117°49.30' W long.;



- (363) 33°16.36' N lat., 117°35.48' W long.;
- (364) 33°06.81' N lat., 117°22.93' W long.;
- (365) 32°59.28' N lat., 117°19.69' W long.;
- (366) 32°55.37' N lat., 117°19.55' W long.;
- (367) 32°53.12' N lat., 117°17.49' W long.;
- (368) 32°52.56' N lat., 117°20.75' W long.;
- (369) 32°46.42' N lat., 117°23.45' W long.;
- (370) 32°42.71' N lat., 117°21.45' W long.; and
- (371) 32°34.54' N lat., 117°23.04' W long.

(j) The 125 fm (229 m) depth contour around San Clemente Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°04.86' N lat., 118°37.89' W long.;
- (2) 33°02.67' N lat., 118°34.07' W long.;
- (3) 32°55.97' N lat., 118°28.95' W long.;
- (4) 32°55.06' N lat., 118°27.66' W long.;
- (5) 32°49.79' N lat., 118°20.84' W long.;
- (6) 32°48.02' N lat., 118°19.49' W long.;
- (7) 32°47.37' N lat., 118°21.72' W long.;
- (8) 32°43.58' N lat., 118°24.54' W long.;
- (9) 32°47.74' N lat., 118°30.39' W long.;
- (10) 32°49.74' N lat., 118°32.11' W long.;
- (11) 32°53.36' N lat., 118°33.44' W long.;
- (12) 32°54.89' N lat., 118°35.37' W long.;
- (13) 33°00.20' N lat., 118°38.72' W long.;
- (14) 33°03.15' N lat., 118°39.80' W long.; and
- (15) 33°04.86' N lat., 118°37.89' W long.;

(k) The 125 fm (229 m) depth contour around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°28.42' N. lat., 118°39.85' W. long.;
- (2) 33°29.99' N. lat., 118°36.14' W. long.;
- (3) 33°29.47' N. lat., 118°33.66' W. long.;
- (4) 33°29.31' N. lat., 118°30.53' W. long.;

- (5) 33°27.24' N. lat., 118°27.71' W. long.;
- (6) 33°25.77' N. lat., 118°22.57' W. long.;
- (7) 33°23.76' N. lat., 118°19.27' W. long.;
- (8) 33°17.61' N. lat., 118°13.61' W. long.;
- (9) 33°16.16' N. lat., 118°13.98' W. long.;
- (10) 33°15.86' N. lat., 118°15.27' W. long.;
- (11) 33°18.11' N. lat., 118°27.96' W. long.;
- (12) 33°19.85' N lat., 118°32.25' W long.;
- (13) 33°20.82' N lat., 118°32.98' W long.;
- (14) 33°21.99' N. lat., 118°32.04' W. long.;
- (15) 33°23.09' N. lat., 118°30.37' W. long.;
- (16) 33°24.78' N. lat., 118°32.46' W. long.;
- (17) 33°25.43' N. lat., 118°34.93' W. long.; and
- (18) 33°28.42' N. lat., 118°39.85' W. long.

(l) The 125 fm (229 m) depth contour around Lasuen Knoll off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°24.50' N lat., 118°01.08' W long.;
- (2) 33°23.35' N lat., 117°59.83' W long.;
- (3) 33°23.69' N lat., 117°58.47' W long.;
- (4) 33°24.76' N lat., 117°59.33' W long.; and
- (5) 33°24.50' N lat., 118°01.08' W long.

(m) The 125 fm (229 m) depth contour around Santa Barbara Island off the State of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°33.96' N lat., 119°4.88' W long.;
- (2) 33°33.28' N lat., 119°5.88' W long.;
- (3) 33°30.98' N lat., 119°6.32' W long.;
- (4) 33°28.52' N lat., 119°7.7' W long.;
- (5) 33°26.93' N lat., 119°5.94' W long.;
- (6) 33°25.96' N lat., 119°3.34' W long.;
- (7) 33°27.01' N lat., 118°59.73' W long.;
- (8) 33°28.68' N lat., 118°58.43' W long.;
- (9) 33°31.2' N lat., 119°1.09' W long.;

(10) 33°32.04' N lat., 119° 2.77' W long.; and

(11) 33°33.96' N lat., 119° 4.88' W long.

(n) The 125 fm (229 m) depth contour around Tanner Bank and Cortes Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:

(1) 32°46.01' N lat., 119°14.63' W long.;

(2) 32°44.35' N lat., 119°16.58' W long.;

(3) 32°40.85' N lat., 119°11.61' W long.;

(4) 32°38.93' N lat., 119°11.9' W long.;

(5) 32°41.32' N lat., 119°18.11' W long.;

(6) 32°36.16' N lat., 119°22.16' W long.;

(7) 32°33.09' N lat., 119°21.89' W long.;

(8) 32°30.73' N lat., 119°20.43' W long.;

(9) 32°28.94' N lat., 119°15.4' W long.;

(10) 32°27.46' N lat., 119°15.62' W long.;

(11) 32°24.58' N lat., 119°9.83' W long.;

(12) 32°22.97' N lat., 119°3' W long.;

(13) 32°22.03' N lat., 118°56.26' W long.;

(14) 32°24.63' N lat., 118°57.54' W long.;

(15) 32°34.72' N lat., 119°10.24' W long.;

(16) 32°37.93' N lat., 119°7.88' W long.;

(17) 32°36.55' N lat., 119°4.42' W long.;

(18) 32°41.5' N lat., 119°2.65' W long.;

(19) 32°45.98' N lat., 119°10.71' W long.; and

(20) 32°46.01' N lat., 119°14.63' W long.

(o) The 125 fm (229 m) depth contour around San Nicholas Island off the State of California is defined by straight lines connecting all of the following points in the order stated:

(1) 33°31.65' N lat., 119°44.84' W long.;

(2) 33°28.91' N lat., 119°52.35' W long.;

(3) 33°25.39' N lat., 119°51.44' W long.;

(4) 33°17.94' N lat., 119°47.31' W long.;

(5) 33°15.33' N lat., 119°43.4' W long.;

(6) 33°14.03' N lat., 119°37.02' W long.;

- (7) 33°11.49' N lat., 119°29.58' W long.;
- (8) 33°11.21' N lat., 119°26.46' W long.;
- (9) 33°12.9' N lat., 119°15.74' W long.;
- (10) 33°14.51' N lat., 119°14.92' W long.;
- (11) 33°14.76' N lat., 119°17.07' W long.;
- (12) 33°17.44' N lat., 119°22.82' W long.;
- (13) 33°21.37' N lat., 119°27.53' W long.;
- (14) 33°23.44' N lat., 119°33.11' W long.; and
- (15) 33°31.65' N lat., 119°44.84' W long.

(p) The 150-fm (274-m) depth contour used between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°14.96' N. lat., 125°41.24' W. long.;
- (2) 48°12.89' N. lat., 125°37.83' W. long.;
- (3) 48°11.49' N. lat., 125°39.27' W. long.;
- (4) 48°10.00' N. lat., 125°40.65' W. long.;
- (5) 48°08.72' N. lat., 125°41.84' W. long.;
- (6) 48°07.00' N. lat., 125°45.00' W. long.;
- (7) 48°06.13' N. lat., 125°41.57' W. long.;
- (8) 48°05.00' N. lat., 125°39.00' W. long.;
- (9) 48°04.15' N. lat., 125°36.71' W. long.;
- (10) 48°03.00' N. lat., 125°36.00' W. long.;
- (11) 48°01.65' N. lat., 125°36.96' W. long.;
- (12) 48°01.00' N. lat., 125°38.50' W. long.;
- (13) 47°57.50' N. lat., 125°36.50' W. long.;
- (14) 47°56.53' N. lat., 125°30.33' W. long.;
- (15) 47°57.28' N. lat., 125°27.89' W. long.;
- (16) 47°59.00' N. lat., 125°25.50' W. long.;
- (17) 48°01.77' N. lat., 125°24.05' W. long.;
- (18) 48°02.08' N. lat., 125°22.98' W. long.;
- (19) 48°03.00' N. lat., 125°22.50' W. long.;
- (20) 48°03.46' N. lat., 125°22.10' W. long.;
- (21) 48°04.29' N. lat., 125°20.37' W. long.;

- (22) 48°02.00' N. lat., 125°18.50' W. long.;
- (23) 48°00.01' N. lat., 125°19.90' W. long.;
- (24) 47°58.75' N. lat., 125°17.54' W. long.;
- (25) 47°53.50' N. lat., 125°13.50' W. long.;
- (26) 47°48.88' N. lat., 125°05.91' W. long.;
- (27) 47°48.50' N. lat., 125°05.00' W. long.;
- (28) 47°45.98' N. lat., 125°04.26' W. long.;
- (29) 47°45.00' N. lat., 125°05.50' W. long.;
- (30) 47°42.11' N. lat., 125°04.74' W. long.;
- (31) 47°39.00' N. lat., 125°06.00' W. long.;
- (32) 47°35.53' N. lat., 125°04.55' W. long.;
- (33) 47°30.90' N. lat., 124°57.31' W. long.;
- (34) 47°29.54' N. lat., 124°56.50' W. long.;
- (35) 47°29.50' N. lat., 124°54.50' W. long.;
- (36) 47°28.57' N. lat., 124°51.50' W. long.;
- (37) 47°25.00' N. lat., 124°48.00' W. long.;
- (38) 47°23.95' N. lat., 124°47.24' W. long.;
- (39) 47°23.00' N. lat., 124°47.00' W. long.;
- (40) 47°21.00' N. lat., 124°46.50' W. long.;
- (41) 47°18.20' N. lat., 124°45.84' W. long.;
- (42) 47°18.50' N. lat., 124°49.00' W. long.;
- (43) 47°19.17' N. lat., 124°50.86' W. long.;
- (44) 47°18.07' N. lat., 124°53.29' W. long.;
- (45) 47°17.78' N. lat., 124°51.39' W. long.;
- (46) 47°16.81' N. lat., 124°50.85' W. long.;
- (47) 47°15.96' N. lat., 124°53.15' W. long.;
- (48) 47°14.31' N. lat., 124°52.62' W. long.;
- (49) 47°11.87' N. lat., 124°56.90' W. long.;
- (50) 47°12.39' N. lat., 124°58.09' W. long.;
- (51) 47°09.50' N. lat., 124°57.50' W. long.;
- (52) 47°09.00' N. lat., 124°59.00' W. long.;

- (53) 47°06.06' N. lat., 124°58.80' W. long.;
- (54) 47°03.62' N. lat., 124°55.96' W. long.;
- (55) 47°02.89' N. lat., 124°56.89' W. long.;
- (56) 47°01.04' N. lat., 124°59.54' W. long.;
- (57) 46°58.47' N. lat., 124°59.08' W. long.;
- (58) 46°58.36' N. lat., 124°59.82' W. long.;
- (59) 46°56.80' N. lat., 125°00.00' W. long.;
- (60) 46°56.62' N. lat., 125°00.00' W. long.;
- (61) 46°57.09' N. lat., 124°58.86' W. long.;
- (62) 46°55.95' N. lat., 124°54.88' W. long.;
- (63) 46°54.79' N. lat., 124°54.14' W. long.;
- (64) 46°58.00' N. lat., 124°50.00' W. long.;
- (65) 46°54.50' N. lat., 124°49.00' W. long.;
- (66) 46°54.53' N. lat., 124°52.94' W. long.;
- (67) 46°49.52' N. lat., 124°53.41' W. long.;
- (68) 46°42.24' N. lat., 124°47.86' W. long.;
- (69) 46°39.50' N. lat., 124°42.50' W. long.;
- (70) 46°38.17' N. lat., 124°41.50' W. long.;
- (71) 46°37.50' N. lat., 124°41.00' W. long.;
- (72) 46°36.50' N. lat., 124°38.00' W. long.;
- (73) 46°33.85' N. lat., 124°36.99' W. long.;
- (74) 46°33.50' N. lat., 124°29.50' W. long.;
- (75) 46°32.00' N. lat., 124°31.00' W. long.;
- (76) 46°30.53' N. lat., 124°30.55' W. long.;
- (77) 46°25.50' N. lat., 124°33.00' W. long.;
- (78) 46°23.00' N. lat., 124°35.00' W. long.;
- (79) 46°21.05' N. lat., 124°37.00' W. long.;
- (80) 46°20.64' N. lat., 124°36.21' W. long.;
- (81) 46°20.36' N. lat., 124°37.85' W. long.;
- (82) 46°19.48' N. lat., 124°38.35' W. long.;
- (83) 46°17.87' N. lat., 124°38.54' W. long.;

- (84) 46°16.15' N. lat., 124°25.20' W. long.;
- (85) 46°16.00' N. lat., 124°23.00' W. long.;
- (86) 46°14.87' N. lat., 124°26.15' W. long.;
- (87) 46°13.37' N. lat., 124°31.36' W. long.;
- (88) 46°12.08' N. lat., 124°38.39' W. long.;
- (89) 46°09.46' N. lat., 124°40.64' W. long.;
- (90) 46°07.29' N. lat., 124°40.89' W. long.;
- (91) 46°02.76' N. lat., 124°44.01' W. long.;
- (92) 46°01.22' N. lat., 124°43.47' W. long.;
- (93) 45°51.82' N. lat., 124°42.89' W. long.;
- (94) 45°46.00' N. lat., 124°40.88' W. long.;
- (95) 45°45.95' N. lat., 124°40.72' W. long.;
- (96) 45°44.11' N. lat., 124°43.09' W. long.;
- (97) 45°34.50' N. lat., 124°30.28' W. long.;
- (98) 45°21.10' N. lat., 124°23.11' W. long.;
- (99) 45°20.25' N. lat., 124°22.92' W. long.;
- (100) 45°09.69' N. lat., 124°20.45' W. long.;
- (101) 45°03.83' N. lat., 124°23.30' W. long.;
- (102) 44°56.41' N. lat., 124°27.65' W. long.;
- (103) 44°44.47' N. lat., 124°37.85' W. long.;
- (104) 44°37.17' N. lat., 124°38.60' W. long.;
- (105) 44°35.55' N. lat., 124°39.27' W. long.;
- (106) 44°31.81' N. lat., 124°39.60' W. long.;
- (107) 44°31.48' N. lat., 124°43.30' W. long.;
- (108) 44°12.67' N. lat., 124°57.87' W. long.;
- (109) 44°08.30' N. lat., 124°57.84' W. long.;
- (110) 44°07.38' N. lat., 124°57.87' W. long.;
- (111) 43°57.42' N. lat., 124°57.20' W. long.;
- (112) 43°52.52' N. lat., 124°49.00' W. long.;
- (113) 43°51.55' N. lat., 124°37.49' W. long.;
- (114) 43°47.83' N. lat., 124°36.43' W. long.;

- (115) 43°31.79' N. lat., 124°36.80' W. long.;
- (116) 43°29.34' N. lat., 124°36.77' W. long.;
- (117) 43°26.37' N. lat., 124°39.53' W. long.;
- (118) 43°20.83' N. lat., 124°42.39' W. long.;
- (119) 43°16.15' N. lat., 124°44.36' W. long.;
- (120) 43°09.33' N. lat., 124°45.35' W. long.;
- (121) 43°08.77' N. lat., 124°49.82' W. long.;
- (122) 43°08.83' N. lat., 124°50.93' W. long.;
- (123) 43°05.89' N. lat., 124°51.60' W. long.;
- (124) 43°04.60' N. lat., 124°53.02' W. long.;
- (125) 43°02.64' N. lat., 124°52.01' W. long.;
- (126) 43°00.39' N. lat., 124°51.77' W. long.;
- (127) 42°58.00' N. lat., 124°52.99' W. long.;
- (128) 42°57.56' N. lat., 124°54.10' W. long.;
- (129) 42°53.82' N. lat., 124°55.76' W. long.;
- (130) 42°52.31' N. lat., 124°50.76' W. long.;
- (131) 42°50.00' N. lat., 124°48.97' W. long.;
- (132) 42°47.78' N. lat., 124°47.27' W. long.;
- (133) 42°46.31' N. lat., 124°43.60' W. long.;
- (134) 42°41.63' N. lat., 124°44.07' W. long.;
- (135) 42°40.50' N. lat., 124°43.52' W. long.;
- (136) 42°38.83' N. lat., 124°42.77' W. long.;
- (137) 42°35.36' N. lat., 124°43.22' W. long.;
- (138) 42°32.78' N. lat., 124°44.68' W. long.;
- (139) 42°32.02' N. lat., 124°43.00' W. long.;
- (140) 42°30.54' N. lat., 124°43.50' W. long.;
- (141) 42°28.16' N. lat., 124°48.38' W. long.;
- (142) 42°18.26' N. lat., 124°39.01' W. long.;
- (143) 42°13.66' N. lat., 124°36.82' W. long.;
- (144) 42°00.00' N. lat., 124°35.99' W. long.;
- (145) 41°47.80' N. lat., 124°29.41' W. long.;



- (146) 41°23.51' N. lat., 124°29.50' W. long.;
- (147) 41°13.29' N. lat., 124°23.31' W. long.;
- (148) 41°06.23' N. lat., 124°22.62' W. long.;
- (149) 40°55.60' N. lat., 124°26.04' W. long.;
- (150) 40°49.62' N. lat., 124°26.57' W. long.;
- (151) 40°45.72' N. lat., 124°30.00' W. long.;
- (152) 40°40.56' N. lat., 124°32.11' W. long.;
- (153) 40°37.33' N. lat., 124°29.27' W. long.;
- (154) 40°35.60' N. lat., 124°30.49' W. long.;
- (155) 40°37.38' N. lat., 124°37.14' W. long.;
- (156) 40°36.03' N. lat., 124°39.97' W. long.;
- (157) 40°31.58' N. lat., 124°40.74' W. long.;
- (158) 40°30.30' N. lat., 124°37.63' W. long.;
- (159) 40°28.22' N. lat., 124°37.23' W. long.;
- (160) 40°24.86' N. lat., 124°35.71' W. long.;
- (161) 40°23.01' N. lat., 124°31.94' W. long.;
- (162) 40°23.39' N. lat., 124°28.64' W. long.;
- (163) 40°22.29' N. lat., 124°25.25' W. long.;
- (164) 40°21.90' N. lat., 124°25.18' W. long.;
- (165) 40°22.02' N. lat., 124°28.00' W. long.;
- (166) 40°21.34' N. lat., 124°29.53' W. long.;
- (167) 40°19.74' N. lat., 124°28.95' W. long.;
- (168) 40°18.13' N. lat., 124°27.08' W. long.;
- (169) 40°17.45' N. lat., 124°25.53' W. long.;
- (170) 40°17.97' N. lat., 124°24.12' W. long.;
- (171) 40°15.96' N. lat., 124°26.05' W. long.;
- (172) 40°17.00' N. lat., 124°35.01' W. long.;
- (173) 40°15.97' N. lat., 124°35.90' W. long.;
- (174) 40°10.00' N. lat., 124°22.96' W. long.;
- (175) 40°07.00' N. lat., 124°19.00' W. long.;
- (176) 40°08.10' N. lat., 124°16.70' W. long.;

- (177) 40°05.90' N. lat., 124°17.77' W. long.;
- (178) 40°02.99' N. lat., 124°15.55' W. long.;
- (179) 40°02.00' N. lat., 124°12.97' W. long.;
- (180) 40°02.60' N. lat., 124°10.61' W. long.;
- (181) 40°03.63' N. lat., 124°09.12' W. long.;
- (182) 40°02.18' N. lat., 124°09.07' W. long.;
- (183) 39°58.25' N. lat., 124°12.56' W. long.;
- (184) 39°57.03' N. lat., 124°11.34' W. long.;
- (185) 39°56.30' N. lat., 124°08.96' W. long.;
- (186) 39°54.82' N. lat., 124°07.66' W. long.;
- (187) 39°52.57' N. lat., 124°08.55' W. long.;
- (188) 39°49.10' N. lat., 124°06.00' W. long.;
- (189) 39°48.94' N. lat., 124°04.74' W. long.;
- (190) 39°48.60' N. lat., 124°04.50' W. long.;
- (191) 39°47.95' N. lat., 124°05.22' W. long.;
- (192) 39°45.34' N. lat., 124°03.30' W. long.;
- (193) 39°39.82' N. lat., 123°59.98' W. long.;
- (194) 39°34.59' N. lat., 123°58.08' W. long.;
- (195) 39°34.22' N. lat., 123°56.82' W. long.;
- (196) 39°32.98' N. lat., 123°56.43' W. long.;
- (197) 39°31.64' N. lat., 123°56.16' W. long.;
- (198) 39°31.40' N. lat., 123°56.70' W. long.;
- (199) 39°32.35' N. lat., 123°57.42' W. long.;
- (200) 39°31.47' N. lat., 123°58.73' W. long.;
- (201) 39°05.68' N. lat., 123°57.81' W. long.;
- (202) 39°00.24' N. lat., 123°56.74' W. long.;
- (203) 38°57.50' N. lat., 123°56.74' W. long.;
- (204) 38°54.31' N. lat., 123°56.73' W. long.;
- (205) 38°41.42' N. lat., 123°46.75' W. long.;
- (206) 38°39.61' N. lat., 123°46.48' W. long.;
- (207) 38°37.52' N. lat., 123°43.78' W. long.;

- (208) 38°35.25' N. lat., 123°42.00' W. long.;
- (209) 38°28.79' N. lat., 123°37.07' W. long.;
- (210) 38°18.75' N. lat., 123°31.21' W. long.;
- (211) 38°14.43' N. lat., 123°25.56' W. long.;
- (212) 38°08.75' N. lat., 123°24.48' W. long.;
- (213) 38°10.10' N. lat., 123°27.20' W. long.;
- (214) 38°07.16' N. lat., 123°28.18' W. long.;
- (215) 38°06.15' N. lat., 123°30.00' W. long.;
- (216) 38°04.28' N. lat., 123°31.70' W. long.;
- (217) 38°01.88' N. lat., 123°30.98' W. long.;
- (218) 38°00.75' N. lat., 123°29.72' W. long.;
- (219) 38°00.00' N. lat., 123°28.60' W. long.;
- (220) 37°58.23' N. lat., 123°26.90' W. long.;
- (221) 37°55.32' N. lat., 123°27.19' W. long.;
- (222) 37°51.47' N. lat., 123°24.92' W. long.;
- (223) 37°44.47' N. lat., 123°11.57' W. long.;
- (224) 37°35.67' N. lat., 123°01.76' W. long.;
- (225) 37°26.10' N. lat., 122°57.07' W. long.;
- (226) 37°26.51' N. lat., 122°54.23' W. long.;
- (227) 37°25.05' N. lat., 122°55.64' W. long.;
- (228) 37°24.42' N. lat., 122°54.94' W. long.;
- (229) 37°25.16' N. lat., 122°52.73' W. long.;
- (230) 37°24.55' N. lat., 122°52.48' W. long.;
- (231) 37°22.81' N. lat., 122°54.36' W. long.;
- (232) 37°19.87' N. lat., 122°53.98' W. long.;
- (233) 37°15.16' N. lat., 122°51.64' W. long.;
- (234) 37°11.00' N. lat., 122°47.20' W. long.;
- (235) 37°07.00' N. lat., 122°42.90' W. long.;
- (236) 37°01.68' N. lat., 122°37.28' W. long.;
- (237) 36°59.70' N. lat., 122°33.71' W. long.;
- (238) 36°58.00' N. lat., 122°27.80' W. long.;

- (239) 37°00.25' N. lat., 122°24.85' W. long.;
- (240) 36°57.50' N. lat., 122°24.98' W. long.;
- (241) 36°58.38' N. lat., 122°21.85' W. long.;
- (242) 36°55.85' N. lat., 122°21.95' W. long.;
- (243) 36°52.02' N. lat., 122°12.10' W. long.;
- (244) 36°47.63' N. lat., 122°07.37' W. long.;
- (245) 36°47.26' N. lat., 122°03.22' W. long.;
- (246) 36°50.34' N. lat., 121°58.40' W. long.;
- (247) 36°48.83' N. lat., 121°59.14' W. long.;
- (248) 36°47.60' N. lat., 121°58.88' W. long.;
- (249) 36°48.24' N. lat., 121°51.40' W. long.;
- (250) 36°45.84' N. lat., 121°57.21' W. long.;
- (251) 36°45.77' N. lat., 121°57.61' W. long.;
- (252) 36°44.81' N. lat., 121°58.28' W. long.;
- (253) 36°39.00' N. lat., 122°01.71' W. long.;
- (254) 36°29.60' N. lat., 122°00.49' W. long.;
- (255) 36°23.43' N. lat., 121°59.76' W. long.;
- (256) 36°18.90' N. lat., 122°05.32' W. long.;
- (257) 36°15.38' N. lat., 122°01.40' W. long.;
- (258) 36°13.79' N. lat., 121°58.12' W. long.;
- (259) 36°10.12' N. lat., 121°43.33' W. long.;
- (260) 36°02.57' N. lat., 121°37.02' W. long.;
- (261) 36°01.01' N. lat., 121°36.69' W. long.;
- (262) 36°00.00' N. lat., 121°35.45' W. long.;
- (263) 35°57.74' N. lat., 121°33.45' W. long.;
- (264) 35°51.32' N. lat., 121°30.08' W. long.;
- (265) 35°45.84' N. lat., 121°28.84' W. long.;
- (266) 35°38.94' N. lat., 121°23.16' W. long.;
- (267) 35°26.00' N. lat., 121°08.00' W. long.;
- (268) 35°07.42' N. lat., 120°57.08' W. long.;
- (269) 34°42.76' N. lat., 120°55.09' W. long.;

- (270) 34°37.75' N. lat., 120°51.96' W. long.;
- (271) 34°29.29' N. lat., 120°44.19' W. long.;
- (272) 34°27.00' N. lat., 120°40.42' W. long.;
- (273) 34°21.89' N. lat., 120°31.36' W. long.;
- (274) 34°20.79' N. lat., 120°21.58' W. long.;
- (275) 34°23.97' N. lat., 120°15.25' W. long.;
- (276) 34°22.11' N. lat., 119°56.63' W. long.;
- (277) 34°19.00' N. lat., 119°48.00' W. long.;
- (278) 34°15.00' N. lat., 119°48.00' W. long.;
- (279) 34°08.00' N. lat., 119°37.00' W. long.;
- (280) 34°08.39' N. lat., 119°54.78' W. long.;
- (281) 34°07.10' N lat., 120°10.37' W long.;
- (282) 34°09.00' N lat., 120°18.40' W long.;
- (283) 34°11.07' N lat., 120°25.03' W long.;
- (284) 34°13.16' N lat., 120°29.40' W long.;
- (285) 34°09.41' N lat., 120°37.75' W long.;
- (286) 34°03.15' N lat., 120°34.71' W long.;
- (287) 33°57.09' N lat., 120°27.76' W long.;
- (288) 33°51.00' N lat., 120°09.00' W long.;
- (289) 33°38.16' N lat., 119°59.23' W long.;
- (290) 33°37.04' N lat., 119°50.17' W long.;
- (291) 33°42.28' N lat., 119°48.85' W long.;
- (292) 33°53.96' N lat., 119°53.77' W long.;
- (293) 33°55.88' N lat., 119°41.05' W long.;
- (294) 33°59.18' N lat., 119°23.64' W long.;
- (295) 33°59.26' N lat., 119°21.92' W long.;
- (296) 33°59.94' N lat., 119°19.57' W long.;
- (297) 34°03.12' N lat., 119°15.51' W long.;
- (298) 34°01.97' N lat., 119°07.28' W long.;
- (299) 34°03.60' N lat., 119°04.71' W long.;
- (300) 33°59.30' N lat., 119°03.73' W long.;

- (301) 33°58.87' N lat., 118°59.37' W long.;
- (302) 33°58.08' N lat., 118°41.14' W long.;
- (303) 33°50.93' N lat., 118°37.65' W long.;
- (304) 33°39.54' N lat., 118°18.70' W long.;
- (305) 33°35.42' N lat., 118°17.14' W long.;
- (306) 33°32.15' N lat., 118°10.84' W long.;
- (307) 33°33.71' N lat., 117°53.72' W long.;
- (308) 33°31.17' N lat., 117°49.11' W long.;
- (309) 33°16.53' N lat., 117°36.13' W long.;
- (310) 33°06.77' N lat., 117°22.92' W long.;
- (311) 32°58.94' N lat., 117°20.05' W long.;
- (312) 32°55.83' N lat., 117°20.15' W long.;
- (313) 32°46.29' N lat., 117°23.89' W long.;
- (314) 32°42.00' N lat., 117°22.16' W long.;
- (315) 32°39.47' N lat., 117°27.78' W long.; and
- (316) 32°34.83' N lat., 117°24.69' W long.

(q) The 150 fm (274 m) depth contour used around San Clemente Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 32°47.95' N. lat., 118°19.31' W. long.;
- (2) 32°49.79' N. lat., 118°20.82' W. long.;
- (3) 32°55.99' N. lat., 118°28.80' W. long.;
- (4) 33°03.00' N. lat., 118°34.00' W. long.;
- (5) 33°05.00' N. lat., 118°38.00' W. long.;
- (6) 33°03.21' N. lat., 118°39.85' W. long.;
- (7) 33°01.93' N. lat., 118°39.85' W. long.;
- (8) 32°54.69' N. lat., 118°35.45' W. long.;
- (9) 32°53.28' N. lat., 118°33.58' W. long.;
- (10) 32°48.26' N. lat., 118°31.62' W. long.;
- (11) 32°43.03' N. lat., 118°24.21' W. long.;
- (12) 32°47.15' N. lat., 118°21.53' W. long.; and
- (13) 32°47.95' N. lat., 118°19.31' W. long.

- (r) The 150 fm (274 m) depth contour used around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 33°17.24' N. lat., 118°12.94' W. long.;
  - (2) 33°23.60' N. lat., 118°18.79' W. long.;
  - (3) 33°26.00' N. lat., 118°22.00' W. long.;
  - (4) 33°27.57' N. lat., 118°27.69' W. long.;
  - (5) 33°29.78' N. lat., 118°31.01' W. long.;
  - (6) 33°30.46' N. lat., 118°36.52' W. long.;
  - (7) 33°28.65' N. lat., 118°41.07' W. long.;
  - (8) 33°23.23' N. lat., 118°30.69' W. long.;
  - (9) 33°20.97' N. lat., 118°33.29' W. long.;
  - (10) 33°19.81' N. lat., 118°32.24' W. long.;
  - (11) 33°18.00' N. lat., 118°28.00' W. long.;
  - (12) 33°15.62' N. lat., 118°14.74' W. long.;
  - (13) 33°16.00' N. lat., 118°13.00' W. long.; and
  - (14) 33°17.24' N. lat., 118°12.94' W. long.
- (s) The 150 fm (274 m) depth contour used around Lasuen Knoll off the state of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 33°25.07' N lat., 117°59.26' W long.;
  - (2) 33°23.69' N lat., 117°58.13' W long.;
  - (3) 33°23.18' N lat., 117°59.87' W long.;
  - (4) 33°24.61' N lat., 118°01.31' W long.; and
  - (5) 33°25.07' N lat., 117°59.26' W long.
- (t) The 150 fm (274 m) depth contour used between the U.S. border with Canada and 40°10' N. lat., modified to allow fishing in petrale sole areas, is defined by straight lines connecting all of the following points in the order stated:
- (1) 48°14.96' N. lat., 125°41.24' W. long.;
  - (2) 48°12.89' N. lat., 125°37.83' W. long.;
  - (3) 48°11.49' N. lat., 125°39.27' W. long.;
  - (4) 48°10.00' N. lat., 125°40.65' W. long.;
  - (5) 48°08.72' N. lat., 125°41.84' W. long.;
  - (6) 48°07.00' N. lat., 125°45.00' W. long.;
  - (7) 48°06.13' N. lat., 125°41.57' W. long.;

- (8) 48°05.00' N. lat., 125°39.00' W. long.;
- (9) 48°04.15' N. lat., 125°36.71' W. long.;
- (10) 48°03.00' N. lat., 125°36.00' W. long.;
- (11) 48°01.65' N. lat., 125°36.96' W. long.;
- (12) 48°01.00' N. lat., 125°38.50' W. long.;
- (13) 47°57.50' N. lat., 125°36.50' W. long.;
- (14) 47°56.53' N. lat., 125°30.33' W. long.;
- (15) 47°57.28' N. lat., 125°27.89' W. long.;
- (16) 47°59.00' N. lat., 125°25.50' W. long.;
- (17) 48°01.77' N. lat., 125°24.05' W. long.;
- (18) 48°02.08' N. lat., 125°22.98' W. long.;
- (19) 48°03.00' N. lat., 125°22.50' W. long.;
- (20) 48°03.46' N. lat., 125°22.10' W. long.;
- (21) 48°04.29' N. lat., 125°20.37' W. long.;
- (22) 48°02.00' N. lat., 125°18.50' W. long.;
- (23) 48°00.01' N. lat., 125°19.90' W. long.;
- (24) 47°58.75' N. lat., 125°17.54' W. long.;
- (25) 47°53.50' N. lat., 125°13.50' W. long.;
- (26) 47°48.88' N. lat., 125°05.91' W. long.;
- (27) 47°48.50' N. lat., 125°05.00' W. long.;
- (28) 47°45.98' N. lat., 125°04.26' W. long.;
- (29) 47°45.00' N. lat., 125°05.50' W. long.;
- (30) 47°42.11' N. lat., 125°04.74' W. long.;
- (31) 47°39.00' N. lat., 125°06.00' W. long.;
- (32) 47°35.53' N. lat., 125°04.55' W. long.;
- (33) 47°30.90' N. lat., 124°57.31' W. long.;
- (34) 47°29.54' N. lat., 124°56.50' W. long.;
- (35) 47°29.50' N. lat., 124°54.50' W. long.;
- (36) 47°28.57' N. lat., 124°51.50' W. long.;
- (37) 47°25.00' N. lat., 124°48.00' W. long.;
- (38) 47°23.95' N. lat., 124°47.24' W. long.;



- (39) 47°23.00' N. lat., 124°47.00' W. long.;
- (40) 47°21.00' N. lat., 124°46.50' W. long.;
- (41) 47°18.20' N. lat., 124°45.84' W. long.;
- (42) 47°18.50' N. lat., 124°49.00' W. long.;
- (43) 47°19.17' N. lat., 124°50.86' W. long.;
- (44) 47°18.07' N. lat., 124°53.29' W. long.;
- (45) 47°17.78' N. lat., 124°51.39' W. long.;
- (46) 47°16.81' N. lat., 124°50.85' W. long.;
- (47) 47°15.96' N. lat., 124°53.15' W. long.;
- (48) 47°14.31' N. lat., 124°52.62' W. long.;
- (49) 47°11.87' N. lat., 124°56.90' W. long.;
- (50) 47°12.39' N. lat., 124°58.09' W. long.;
- (51) 47°09.50' N. lat., 124°57.50' W. long.;
- (52) 47°09.00' N. lat., 124°59.00' W. long.;
- (53) 47°06.06' N. lat., 124°58.80' W. long.;
- (54) 47°03.62' N. lat., 124°55.96' W. long.;
- (55) 47°02.89' N. lat., 124°56.89' W. long.;
- (56) 47°01.04' N. lat., 124°59.54' W. long.;
- (57) 46°58.47' N. lat., 124°59.08' W. long.;
- (58) 46°58.36' N. lat., 124°59.82' W. long.;
- (59) 46°56.80' N. lat., 125°00.00' W. long.;
- (60) 46°56.62' N. lat., 125°00.00' W. long.;
- (61) 46°57.09' N. lat., 124°58.86' W. long.;
- (62) 46°55.95' N. lat., 124°54.88' W. long.;
- (63) 46°54.79' N. lat., 124°54.14' W. long.;
- (64) 46°58.00' N. lat., 124°50.00' W. long.;
- (65) 46°54.50' N. lat., 124°49.00' W. long.;
- (66) 46°54.53' N. lat., 124°52.94' W. long.;
- (67) 46°49.52' N. lat., 124°53.41' W. long.;
- (68) 46°42.24' N. lat., 124°47.86' W. long.;
- (69) 46°39.50' N. lat., 124°42.50' W. long.;

- (70) 46°38.17' N. lat., 124°41.50' W. long.;
- (71) 46°37.50' N. lat., 124°41.00' W. long.;
- (72) 46°36.50' N. lat., 124°38.00' W. long.;
- (73) 46°33.85' N. lat., 124°36.99' W. long.;
- (74) 46°33.50' N. lat., 124°29.50' W. long.;
- (75) 46°32.00' N. lat., 124°31.00' W. long.;
- (76) 46°30.53' N. lat., 124°30.55' W. long.;
- (77) 46°25.50' N. lat., 124°33.00' W. long.;
- (78) 46°23.00' N. lat., 124°35.00' W. long.;
- (79) 46°21.05' N. lat., 124°37.00' W. long.;
- (80) 46°20.64' N. lat., 124°36.21' W. long.;
- (81) 46°20.36' N. lat., 124°37.85' W. long.;
- (82) 46°19.48' N. lat., 124°38.35' W. long.;
- (83) 46°17.87' N. lat., 124°38.54' W. long.;
- (84) 46°16.15' N. lat., 124°25.20' W. long.;
- (85) 46°16.00' N. lat., 124°23.00' W. long.;
- (86) 46°14.87' N. lat., 124°26.15' W. long.;
- (87) 46°13.37' N. lat., 124°31.36' W. long.;
- (88) 46°12.08' N. lat., 124°38.39' W. long.;
- (89) 46°09.46' N. lat., 124°40.64' W. long.;
- (90) 46°07.29' N. lat., 124°40.89' W. long.;
- (91) 46°02.76' N. lat., 124°44.01' W. long.;
- (92) 46°01.22' N. lat., 124°43.47' W. long.;
- (93) 45°51.82' N. lat., 124°42.89' W. long.;
- (94) 45°46.00' N. lat., 124°40.88' W. long.;
- (95) 45°45.95' N. lat., 124°40.72' W. long.;
- (96) 45°45.21' N. lat., 124°41.70' W. long.;
- (97) 45°42.72' N. lat., 124°41.22' W. long.;
- (98) 45°34.50' N. lat., 124°30.28' W. long.;
- (99) 45°21.10' N. lat., 124°23.11' W. long.;
- (100) 45°20.25' N. lat., 124°22.92' W. long.;

- (101) 45°09.69' N. lat., 124°20.45' W. long.;
- (102) 45°03.83' N. lat., 124°23.30' W. long.;
- (103) 44°56.41' N. lat., 124°27.65' W. long.;
- (104) 44°44.47' N. lat., 124°37.85' W. long.;
- (105) 44°37.17' N. lat., 124°38.60' W. long.;
- (106) 44°35.55' N. lat., 124°39.27' W. long.;
- (107) 44°31.81' N. lat., 124°39.60' W. long.;
- (108) 44°31.48' N. lat., 124°43.30' W. long.;
- (109) 44°12.67' N. lat., 124°57.87' W. long.;
- (110) 44°08.30' N. lat., 124°57.84' W. long.;
- (111) 44°07.38' N. lat., 124°57.87' W. long.;
- (112) 43°57.42' N. lat., 124°57.20' W. long.;
- (113) 43°52.52' N. lat., 124°49.00' W. long.;
- (114) 43°51.55' N. lat., 124°37.49' W. long.;
- (115) 43°47.83' N. lat., 124°36.43' W. long.;
- (116) 43°31.79' N. lat., 124°36.80' W. long.;
- (117) 43°29.34' N. lat., 124°36.77' W. long.;
- (118) 43°26.37' N. lat., 124°39.53' W. long.;
- (119) 43°20.83' N. lat., 124°42.39' W. long.;
- (120) 43°16.15' N. lat., 124°44.36' W. long.;
- (121) 43°09.33' N. lat., 124°45.35' W. long.;
- (122) 43°08.77' N. lat., 124°49.82' W. long.;
- (123) 43°08.83' N. lat., 124°50.93' W. long.;
- (124) 43°05.89' N. lat., 124°51.60' W. long.;
- (125) 43°04.60' N. lat., 124°53.02' W. long.;
- (126) 43°02.64' N. lat., 124°52.01' W. long.;
- (127) 43°00.39' N. lat., 124°51.77' W. long.;
- (128) 42°58.00' N. lat., 124°52.99' W. long.;
- (129) 42°57.56' N. lat., 124°54.10' W. long.;
- (130) 42°53.93' N. lat., 124°54.60' W. long.;
- (131) 42°53.26' N. lat., 124°53.94' W. long.;

- (132) 42°52.31' N. lat., 124°50.76' W. long.;
- (133) 42°50.00' N. lat., 124°48.97' W. long.;
- (134) 42°47.78' N. lat., 124°47.27' W. long.;
- (135) 42°46.31' N. lat., 124°43.60' W. long.;
- (136) 42°41.63' N. lat., 124°44.07' W. long.;
- (137) 42°40.50' N. lat., 124°43.52' W. long.;
- (138) 42°38.83' N. lat., 124°42.77' W. long.;
- (139) 42°35.36' N. lat., 124°43.22' W. long.;
- (140) 42°32.78' N. lat., 124°44.68' W. long.;
- (141) 42°32.02' N. lat., 124°43.00' W. long.;
- (142) 42°30.54' N. lat., 124°43.50' W. long.;
- (143) 42°28.16' N. lat., 124°48.38' W. long.;
- (144) 42°18.26' N. lat., 124°39.01' W. long.;
- (145) 42°13.66' N. lat., 124°36.82' W. long.;
- (146) 42°00.00' N. lat., 124°35.99' W. long.;
- (147) 41°47.80' N. lat., 124°29.41' W. long.;
- (148) 41°41.67' N. lat., 124°29.46' W. long.;
- (149) 41°22.80' N. lat., 124°29.10' W. long.;
- (150) 41°13.29' N. lat., 124°23.31' W. long.;
- (151) 41°06.23' N. lat., 124°22.62' W. long.;
- (152) 40°55.60' N. lat., 124°26.04' W. long.;
- (153) 40°53.97' N. lat., 124°26.16' W. long.;
- (154) 40°53.94' N. lat., 124°26.10' W. long.;
- (155) 40°50.31' N. lat., 124°26.16' W. long.;
- (156) 40°49.82' N. lat., 124°26.58' W. long.;
- (157) 40°49.62' N. lat., 124°26.57' W. long.;
- (158) 40°45.72' N. lat., 124°30.00' W. long.;
- (159) 40°40.56' N. lat., 124°32.11' W. long.;
- (160) 40°38.87' N. lat., 124°30.18' W. long.;
- (161) 40°38.38' N. lat., 124°30.18' W. long.;
- (162) 40°37.33' N. lat., 124°29.27' W. long.;

- (163) 40°35.60' N. lat., 124°30.49' W. long.;
- (164) 40°37.38' N. lat., 124°37.14' W. long.;
- (165) 40°36.03' N. lat., 124°39.97' W. long.;
- (166) 40°31.58' N. lat., 124°40.74' W. long.;
- (167) 40°30.30' N. lat., 124°37.63' W. long.;
- (168) 40°28.22' N. lat., 124°37.23' W. long.;
- (169) 40°24.86' N. lat., 124°35.71' W. long.;
- (170) 40°23.01' N. lat., 124°31.94' W. long.;
- (171) 40°23.39' N. lat., 124°28.64' W. long.;
- (172) 40°22.29' N. lat., 124°25.25' W. long.;
- (173) 40°21.90' N. lat., 124°25.18' W. long.;
- (174) 40°22.02' N. lat., 124°28.00' W. long.;
- (175) 40°21.34' N. lat., 124°29.53' W. long.;
- (176) 40°19.74' N. lat., 124°28.95' W. long.;
- (177) 40°18.13' N. lat., 124°27.08' W. long.;
- (178) 40°17.45' N. lat., 124°25.53' W. long.;
- (179) 40°17.97' N. lat., 124°24.12' W. long.;
- (180) 40°15.96' N. lat., 124°26.05' W. long.;
- (181) 40°16.90' N. lat., 124°34.20' W. long.;
- (182) 40°16.29' N. lat., 124°34.50' W. long.;
- (183) 40°14.91' N. lat., 124°33.60' W. long.; and
- (184) 40°10.00' N. lat., 124°22.96' W. long.

(u) The 150 fm (274 m) depth contour around Santa Barbara Island off the State of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°34.6' N lat., 119°4.57' W long.;
- (2) 33°33.13' N lat., 119°6.65' W long.;
- (3) 33°28.13' N lat., 119°8.17' W long.;
- (4) 33°25.55' N lat., 119°3.64' W long.;
- (5) 33°26.96' N lat., 118°59.58' W long.;
- (6) 33°28.68' N lat., 118°58.24' W long.; and (7) 33°34.6' N lat., 119°4.57' W long.;

(v) The 150 fm (274 m) depth contour around Tanner Bank and Cortes Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 32°46.12' N lat., 119°14.73' W long.;
- (2) 32°44.37' N lat., 119°16.82' W long.;
- (3) 32°41.02' N lat., 119°12.01' W long.;
- (4) 32°39.28' N lat., 119°12.18' W long.;
- (5) 32°41.46' N lat., 119°18.28' W long.;
- (6) 32°36.17' N lat., 119°22.31' W long.;
- (7) 32°32.97' N lat., 119°22.31' W long.;
- (8) 32°30.57' N lat., 119°20.54' W long.;
- (9) 32°28.94' N lat., 119°15.53' W long.;
- (10) 32°27.45' N lat., 119°15.79' W long.;
- (11) 32°24.86' N lat., 119°12.93' W long.;
- (12) 32°21.43' N lat., 118°55.1' W long.;
- (13) 32°24.67' N lat., 118°57.37' W long.;
- (14) 32°34.34' N lat., 119°9.28' W long.;
- (15) 32°37.39' N lat., 119°7.54' W long.;
- (16) 32°36.38' N lat., 119°4.32' W long.;
- (17) 32°41.59' N lat., 119°2.46' W long.;
- (18) 32°46.07' N lat., 119°10.68' W long.; and
- (19) 32°46.12' N lat., 119°14.73' W long.

(w) The 150 fm (274 m) depth contour around San Nicholas Island off the State of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°33.22' N lat., 119°46.7' W long.;
- (2) 33°28.97' N lat., 119°53.04' W long.;
- (3) 33°24.67' N lat., 119°51.27' W long.;
- (4) 33°19.95' N lat., 119°50.23' W long.;
- (5) 33°13.07' N lat., 119°41.99' W long.;
- (6) 33°13.1' N lat., 119°34.66' W long.;
- (7) 33°11.45' N lat., 119°29.57' W long.;
- (8) 33°11.13' N lat., 119°26.22' W long.;
- (9) 33°11.8' N lat., 119°20.64' W long.;
- (10) 33°12.91' N lat., 119°15.53' W long.;
- (11) 33°14.52' N lat., 119°14.72' W long.;

- (12) 33°15.32' N lat., 119°16.01' W long.;
  - (13) 33°14.78' N lat., 119°16.97' W long.;
  - (14) 33°15.73' N lat., 119°19.02' W long.;
  - (15) 33°16.73' N lat., 119°18.97' W long.;
  - (16) 33°19.37' N lat., 119°24.95' W long.;
  - (17) 33°21.69' N lat., 119°27.44' W long.;
  - (18) 33°23.82' N lat., 119°32.87' W long.; and
  - (19) 33°33.22' N lat., 119°46.7' W long.
- (x) The 150 fm (274 m) depth contour around Osborn Bank off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 33°23.53' N lat., 119°3.73' W long.;
  - (2) 33°23.57' N lat., 119°6.66' W long.;
  - (3) 33°23.12' N lat., 119°7.25' W long.;
  - (4) 33°20.51' N lat., 119°2.15' W long.;
  - (5) 33°20.58' N lat., 119°0.48' W long.;
  - (6) 33°21.32' N lat., 118°59.89' W long.; and
  - (7) 33°23.53' N lat., 119°3.73' W long.
- (y) The 150 fm (274 m) depth contour around the Eastern CCA area off the State of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°41.41' N lat., 117°59.05' W long.;
  - (2) 32°40.57' N lat., 118°1.97' W long.;
  - (3) 32°40.04' N lat., 118°1.23' W long.;
  - (4) 32°39.82' N lat., 118°0.03' W long.;
  - (5) 32°38.02' N lat., 117°57.86' W long.;
  - (6) 32°35.38' N lat., 117°56.23' W long.;
  - (7) 32°36.68' N lat., 117°55.02' W long.;
  - (8) 32°40.42' N lat., 117°57.15' W long.; and
  - (9) 32°41.41' N lat., 117°59.05' W long.

[69 FR 77059, Dec. 23, 2004; 70 FR 13119, Mar. 18, 2005, as amended at 70 FR 16149, Mar. 30, 2005; 71 FR 8500, Feb. 17, 2006; 71 FR 78678, Dec. 29, 2006; 74 FR 9905, Mar. 6, 2009. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 27531, May 11, 2011; 76 FR 54714, Sept. 2, 2011; 78 FR 589, Jan. 3, 2013; 80 FR 12573, Mar. 10, 2015; 82 FR 9640, Feb. 7, 2017; 83 FR 63992, Dec. 12, 2018; 83 FR 66639, Dec. 27, 2018; 84 FR 63974, Nov. 19, 2019; 85 FR 79893, Dec. 11, 2020; 86 FR 14381, Mar. 16, 2021; 87 FR 77017, Dec. 16, 2022; 88 FR 83846, Dec. 1, 2023]

**§ 660.74 Latitude/longitude coordinates defining the 180 fm (329 m) through 250 fm (457 m) depth contours.**

Boundaries for some GCAs are defined by straight lines connecting a series of latitude/longitude coordinates. This section provides coordinates for the 180 fm (329 m) through 250 fm (457 m) depth contours.

(a) The 180-fm (329-m) depth contour used between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°14.82' N. lat., 125°41.61' W. long.;
- (2) 48°12.86' N. lat., 125°37.95' W. long.;
- (3) 48°11.28' N. lat., 125°39.67' W. long.;
- (4) 48°10.13' N. lat., 125°42.62' W. long.;
- (5) 48°10.00' N. lat., 125°42.55' W. long.;
- (6) 48°08.86' N. lat., 125°41.92' W. long.;
- (7) 48°08.15' N. lat., 125°44.95' W. long.;
- (8) 48°07.18' N. lat., 125°45.67' W. long.;
- (9) 48°05.79' N. lat., 125°44.64' W. long.;
- (10) 48°06.04' N. lat., 125°41.84' W. long.;
- (11) 48°04.26' N. lat., 125°40.09' W. long.;
- (12) 48°04.18' N. lat., 125°36.94' W. long.;
- (13) 48°03.02' N. lat., 125°36.24' W. long.;
- (14) 48°01.75' N. lat., 125°37.42' W. long.;
- (15) 48°01.39' N. lat., 125°39.42' W. long.;
- (16) 47°57.08' N. lat., 125°36.51' W. long.;
- (17) 47°55.20' N. lat., 125°36.62' W. long.;
- (18) 47°54.33' N. lat., 125°34.98' W. long.;
- (19) 47°54.73' N. lat., 125°31.95' W. long.;
- (20) 47°56.39' N. lat., 125°30.22' W. long.;
- (21) 47°55.86' N. lat., 125°28.54' W. long.;
- (22) 47°58.07' N. lat., 125°25.72' W. long.;
- (23) 48°00.81' N. lat., 125°24.39' W. long.;
- (24) 48°01.81' N. lat., 125°23.76' W. long.;
- (25) 48°02.16' N. lat., 125°22.71' W. long.;
- (26) 48°03.46' N. lat., 125°22.01' W. long.;



- (27) 48°04.21' N. lat., 125°20.40' W. long.;
- (28) 48°03.15' N. lat., 125°19.50' W. long.;
- (29) 48°01.92' N. lat., 125°18.69' W. long.;
- (30) 48°00.85' N. lat., 125°20.02' W. long.;
- (31) 48°00.12' N. lat., 125°20.04' W. long.;
- (32) 47°58.18' N. lat., 125°18.78' W. long.;
- (33) 47°58.24' N. lat., 125°17.26' W. long.;
- (34) 47°52.47' N. lat., 125°15.30' W. long.;
- (35) 47°52.13' N. lat., 125°12.95' W. long.;
- (36) 47°50.60' N. lat., 125°10.65' W. long.;
- (37) 47°49.39' N. lat., 125°10.59' W. long.;
- (38) 47°48.74' N. lat., 125°06.07' W. long.;
- (39) 47°47.03' N. lat., 125°06.95' W. long.;
- (40) 47°47.46' N. lat., 125°05.20' W. long.;
- (41) 47°45.88' N. lat., 125°04.50' W. long.;
- (42) 47°44.51' N. lat., 125°06.64' W. long.;
- (43) 47°42.22' N. lat., 125°04.86' W. long.;
- (44) 47°38.49' N. lat., 125°06.32' W. long.;
- (45) 47°34.93' N. lat., 125°04.34' W. long.;
- (46) 47°30.85' N. lat., 124°57.42' W. long.;
- (47) 47°28.80' N. lat., 124°56.51' W. long.;
- (48) 47°29.25' N. lat., 124°53.92' W. long.;
- (49) 47°28.29' N. lat., 124°51.32' W. long.;
- (50) 47°24.04' N. lat., 124°47.38' W. long.;
- (51) 47°18.24' N. lat., 124°45.97' W. long.;
- (52) 47°19.36' N. lat., 124°50.96' W. long.;
- (53) 47°18.07' N. lat., 124°53.38' W. long.;
- (54) 47°17.73' N. lat., 124°52.83' W. long.;
- (55) 47°17.77' N. lat., 124°51.56' W. long.;
- (56) 47°16.84' N. lat., 124°50.94' W. long.;
- (57) 47°16.01' N. lat., 124°53.36' W. long.;

- (58) 47°14.32' N. lat., 124°52.73' W. long.;
- (59) 47°11.97' N. lat., 124°56.81' W. long.;
- (60) 47°12.93' N. lat., 124°58.47' W. long.;
- (61) 47°09.43' N. lat., 124°57.99' W. long.;
- (62) 47°09.36' N. lat., 124°59.29' W. long.;
- (63) 47°05.88' N. lat., 124°59.06' W. long.;
- (64) 47°03.64' N. lat., 124°56.07' W. long.;
- (65) 47°01.00' N. lat., 124°59.69' W. long.;
- (66) 46°58.72' N. lat., 124°59.17' W. long.;
- (67) 46°58.30' N. lat., 125°00.60' W. long.;
- (68) 46°55.61' N. lat., 125°01.19' W. long.;
- (69) 46°56.96' N. lat., 124°58.85' W. long.;
- (70) 46°55.91' N. lat., 124°54.98' W. long.;
- (71) 46°54.55' N. lat., 124°54.21' W. long.;
- (72) 46°56.80' N. lat., 124°50.55' W. long.;
- (73) 46°54.87' N. lat., 124°49.59' W. long.;
- (74) 46°54.63' N. lat., 124°53.48' W. long.;
- (75) 46°52.33' N. lat., 124°54.75' W. long.;
- (76) 46°45.12' N. lat., 124°51.82' W. long.;
- (77) 46°39.20' N. lat., 124°47.02' W. long.;
- (78) 46°38.17' N. lat., 124°45.16' W. long.;
- (79) 46°33.45' N. lat., 124°36.61' W. long.;
- (80) 46°33.37' N. lat., 124°30.21' W. long.;
- (81) 46°31.67' N. lat., 124°31.41' W. long.;
- (82) 46°27.87' N. lat., 124°32.04' W. long.;
- (83) 46°21.01' N. lat., 124°37.63' W. long.;
- (84) 46°18.58' N. lat., 124°38.92' W. long.;
- (85) 46°16.00' N. lat., 124°23.57' W. long.;
- (86) 46°12.85' N. lat., 124°35.52' W. long.;
- (87) 46°12.27' N. lat., 124°38.69' W. long.;
- (88) 46°08.71' N. lat., 124°41.27' W. long.;

- (89) 46°05.80' N. lat., 124°42.11' W. long.;
- (90) 46°02.84' N. lat., 124°48.05' W. long.;
- (91) 46°02.41' N. lat., 124°48.16' W. long.;
- (92) 45°58.96' N. lat., 124°43.97' W. long.;
- (93) 45°47.05' N. lat., 124°43.25' W. long.;
- (94) 45°46.00' N. lat., 124°43.31' W. long.;
- (95) 45°44.22' N. lat., 124°44.55' W. long.;
- (96) 45°34.97' N. lat., 124°31.95' W. long.;
- (97) 45°20.25' N. lat., 124°25.18' W. long.;
- (98) 45°13.09' N. lat., 124°21.61' W. long.;
- (99) 45°09.59' N. lat., 124°22.78' W. long.;
- (100) 45°03.83' N. lat., 124°26.21' W. long.;
- (101) 45°00.22' N. lat., 124°28.31' W. long.;
- (102) 44°53.53' N. lat., 124°32.98' W. long.;
- (103) 44°40.79' N. lat., 124°45.76' W. long.;
- (104) 44°41.35' N. lat., 124°48.03' W. long.;
- (105) 44°40.27' N. lat., 124°49.11' W. long.;
- (106) 44°38.52' N. lat., 124°49.11' W. long.;
- (107) 44°38.25' N. lat., 124°46.47' W. long.;
- (108) 44°28.84' N. lat., 124°47.09' W. long.;
- (109) 44°23.24' N. lat., 124°49.96' W. long.;
- (110) 44°13.07' N. lat., 124°58.34' W. long.;
- (111) 44°08.30' N. lat., 124°58.23' W. long.;
- (112) 43°57.99' N. lat., 124°57.83' W. long.;
- (113) 43°51.43' N. lat., 124°52.02' W. long.;
- (114) 43°50.72' N. lat., 124°39.23' W. long.;
- (115) 43°39.04' N. lat., 124°37.82' W. long.;
- (116) 43°27.76' N. lat., 124°39.76' W. long.;
- (117) 43°20.83' N. lat., 124°42.70' W. long.;
- (118) 43°20.22' N. lat., 124°42.92' W. long.;
- (119) 43°13.07' N. lat., 124°46.03' W. long.;

- (120) 43°10.43' N. lat., 124°50.27' W. long.;
- (121) 43°08.83' N. lat., 124°50.93' W. long.;
- (122) 43°05.89' N. lat., 124°51.60' W. long.;
- (123) 43°04.60' N. lat., 124°53.01' W. long.;
- (124) 43°02.64' N. lat., 124°52.01' W. long.;
- (125) 43°00.39' N. lat., 124°51.77' W. long.;
- (126) 42°58.00' N. lat., 124°52.99' W. long.;
- (127) 42°57.56' N. lat., 124°54.10' W. long.;
- (128) 42°53.82' N. lat., 124°55.76' W. long.;
- (129) 42°53.20' N. lat., 124°53.56' W. long.;
- (130) 42°50.00' N. lat., 124°52.36' W. long.;
- (131) 42°50.00' N. lat., 124°52.36' W. long.;
- (132) 42°49.43' N. lat., 124°52.03' W. long.;
- (133) 42°47.68' N. lat., 124°47.72' W. long.;
- (134) 42°46.17' N. lat., 124°44.05' W. long.;
- (135) 42°41.67' N. lat., 124°44.36' W. long.;
- (136) 42°40.50' N. lat., 124°43.86' W. long.;
- (137) 42°38.79' N. lat., 124°42.88' W. long.;
- (138) 42°32.39' N. lat., 124°45.38' W. long.;
- (139) 42°32.08' N. lat., 124°43.44' W. long.;
- (140) 42°30.98' N. lat., 124°43.84' W. long.;
- (141) 42°28.37' N. lat., 124°48.91' W. long.;
- (142) 42°20.07' N. lat., 124°41.59' W. long.;
- (143) 42°15.05' N. lat., 124°38.07' W. long.;
- (144) 42°13.67' N. lat., 124°37.77' W. long.;
- (145) 42°07.37' N. lat., 124°37.25' W. long.;
- (146) 42°04.93' N. lat., 124°36.79' W. long.;
- (147) 42°00.00' N. lat., 124°36.26' W. long.;
- (148) 41°47.60' N. lat., 124°29.75' W. long.;
- (149) 41°22.07' N. lat., 124°29.55' W. long.;
- (150) 41°13.58' N. lat., 124°24.17' W. long.;

- (151) 41°06.51' N. lat., 124°23.07' W. long.;
- (152) 40°55.20' N. lat., 124°27.46' W. long.;
- (153) 40°49.76' N. lat., 124°27.17' W. long.;
- (154) 40°45.79' N. lat., 124°30.37' W. long.;
- (155) 40°40.31' N. lat., 124°32.47' W. long.;
- (156) 40°37.42' N. lat., 124°37.20' W. long.;
- (157) 40°36.03' N. lat., 124°39.97' W. long.;
- (158) 40°31.48' N. lat., 124°40.95' W. long.;
- (159) 40°30.22' N. lat., 124°37.80' W. long.;
- (160) 40°27.29' N. lat., 124°37.10' W. long.;
- (161) 40°24.81' N. lat., 124°35.82' W. long.;
- (162) 40°22.00' N. lat., 124°30.01' W. long.;
- (163) 40°16.84' N. lat., 124°29.87' W. long.;
- (164) 40°17.06' N. lat., 124°35.51' W. long.;
- (165) 40°16.41' N. lat., 124°39.10' W. long.;
- (166) 40°10.00' N. lat., 124°23.56' W. long.;
- (167) 40°06.67' N. lat., 124°19.08' W. long.;
- (168) 40°08.10' N. lat., 124°16.71' W. long.;
- (169) 40°05.90' N. lat., 124°17.77' W. long.;
- (170) 40°02.80' N. lat., 124°16.28' W. long.;
- (171) 40°01.98' N. lat., 124°12.99' W. long.;
- (172) 40°01.53' N. lat., 124°09.82' W. long.;
- (173) 39°58.28' N. lat., 124°12.93' W. long.;
- (174) 39°57.06' N. lat., 124°12.03' W. long.;
- (175) 39°56.31' N. lat., 124°08.98' W. long.;
- (176) 39°55.20' N. lat., 124°07.98' W. long.;
- (177) 39°52.57' N. lat., 124°09.04' W. long.;
- (178) 39°42.78' N. lat., 124°02.11' W. long.;
- (179) 39°34.76' N. lat., 123°58.51' W. long.;
- (180) 39°34.22' N. lat., 123°56.82' W. long.;
- (181) 39°32.98' N. lat., 123°56.43' W. long.;

- (182) 39°32.14' N. lat., 123°58.83' W. long.;
- (183) 39°07.79' N. lat., 123°58.72' W. long.;
- (184) 39°00.99' N. lat., 123°57.56' W. long.;
- (185) 39°00.05' N. lat., 123°56.83' W. long.;
- (186) 38°57.50' N. lat., 123°57.22' W. long.;
- (187) 38°56.28' N. lat., 123°57.53' W. long.;
- (188) 38°56.01' N. lat., 123°58.72' W. long.;
- (189) 38°52.41' N. lat., 123°56.38' W. long.;
- (190) 38°46.81' N. lat., 123°51.46' W. long.;
- (191) 38°45.56' N. lat., 123°51.32' W. long.;
- (192) 38°43.24' N. lat., 123°49.91' W. long.;
- (193) 38°41.42' N. lat., 123°47.22' W. long.;
- (194) 38°40.97' N. lat., 123°47.80' W. long.;
- (195) 38°38.58' N. lat., 123°46.07' W. long.;
- (196) 38°37.38' N. lat., 123°43.80' W. long.;
- (197) 38°33.86' N. lat., 123°41.51' W. long.;
- (198) 38°29.45' N. lat., 123°38.42' W. long.;
- (199) 38°28.20' N. lat., 123°38.17' W. long.;
- (200) 38°24.09' N. lat., 123°35.26' W. long.;
- (201) 38°16.72' N. lat., 123°31.42' W. long.;
- (202) 38°15.32' N. lat., 123°29.33' W. long.;
- (203) 38°14.45' N. lat., 123°26.15' W. long.;
- (204) 38°10.26' N. lat., 123°25.43' W. long.;
- (205) 38°12.61' N. lat., 123°28.08' W. long.;
- (206) 38°11.98' N. lat., 123°29.35' W. long.;
- (207) 38°08.23' N. lat., 123°28.04' W. long.;
- (208) 38°06.39' N. lat., 123°30.59' W. long.;
- (209) 38°04.25' N. lat., 123°31.81' W. long.;
- (210) 38°02.08' N. lat., 123°31.27' W. long.;
- (211) 38°00.17' N. lat., 123°29.43' W. long.;
- (212) 38°00.00' N. lat., 123°28.55' W. long.;

- (213) 37°58.24' N. lat., 123°26.91' W. long.;
- (214) 37°55.32' N. lat., 123°27.19' W. long.;
- (215) 37°51.52' N. lat., 123°25.01' W. long.;
- (216) 37°44.21' N. lat., 123°11.38' W. long.;
- (217) 37°35.67' N. lat., 123°01.86' W. long.;
- (218) 37°14.29' N. lat., 122°52.99' W. long.;
- (219) 37°11.00' N. lat., 122°49.28' W. long.;
- (220) 37°07.00' N. lat., 122°44.65' W. long.;
- (221) 37°00.86' N. lat., 122°37.55' W. long.;
- (222) 36°59.71' N. lat., 122°33.73' W. long.;
- (223) 36°57.98' N. lat., 122°27.80' W. long.;
- (224) 36°59.83' N. lat., 122°25.17' W. long.;
- (225) 36°57.21' N. lat., 122°25.17' W. long.;
- (226) 36°57.79' N. lat., 122°22.28' W. long.;
- (227) 36°55.86' N. lat., 122°21.99' W. long.;
- (228) 36°52.06' N. lat., 122°12.12' W. long.;
- (229) 36°47.63' N. lat., 122°07.40' W. long.;
- (230) 36°47.26' N. lat., 122°03.23' W. long.;
- (231) 36°49.53' N. lat., 121°59.35' W. long.;
- (232) 36°44.81' N. lat., 121°58.29' W. long.;
- (233) 36°38.95' N. lat., 122°02.02' W. long.;
- (234) 36°23.43' N. lat., 121°59.76' W. long.;
- (235) 36°19.66' N. lat., 122°06.25' W. long.;
- (236) 36°14.78' N. lat., 122°01.52' W. long.;
- (237) 36°13.64' N. lat., 121°57.83' W. long.;
- (238) 36°09.99' N. lat., 121°43.48' W. long.;
- (239) 36°00.00' N. lat., 121°36.95' W. long.;
- (240) 35°57.09' N. lat., 121°34.16' W. long.;
- (241) 35°52.71' N. lat., 121°32.32' W. long.;
- (242) 35°51.23' N. lat., 121°30.54' W. long.;
- (243) 35°46.07' N. lat., 121°29.75' W. long.;

- (244) 35°34.08' N. lat., 121°19.83' W. long.;
- (245) 35°31.41' N. lat., 121°14.80' W. long.;
- (246) 35°15.42' N. lat., 121°03.47' W. long.;
- (247) 35°07.70' N. lat., 120°59.31' W. long.;
- (248) 34°57.27' N. lat., 120°56.93' W. long.;
- (249) 34°44.27' N. lat., 120°57.65' W. long.;
- (250) 34°32.75' N. lat., 120°50.08' W. long.;
- (251) 34°27.00' N. lat., 120°41.50' W. long.;
- (252) 34°20.00' N. lat., 120°30.99' W. long.;
- (253) 34°19.15' N. lat., 120°19.78' W. long.;
- (254) 34°23.24' N. lat., 120°14.17' W. long.;
- (255) 34°21.35' N. lat., 119°54.89' W. long.;
- (256) 34°09.79' N. lat., 119°44.51' W. long.;
- (257) 34°07.34' N. lat., 120°06.71' W. long.;
- (258) 34°09.74' N. lat., 120°19.78' W. long.;
- (259) 34°13.95' N. lat., 120°29.78' W. long.;
- (260) 34°09.41' N. lat., 120°37.75' W. long.;
- (261) 34°03.39' N. lat., 120°35.26' W. long.;
- (262) 33°56.82' N. lat., 120°28.30' W. long.;
- (263) 33°50.71' N. lat., 120°09.24' W. long.;
- (264) 33°38.21' N. lat., 119°59.90' W. long.;
- (265) 33°35.35' N. lat., 119°51.95' W. long.;
- (266) 33°35.99' N. lat., 119°49.13' W. long.;
- (267) 33°42.74' N. lat., 119°47.80' W. long.;
- (268) 33°53.65' N. lat., 119°53.29' W. long.;
- (269) 33°57.85' N. lat., 119°31.05' W. long.;
- (270) 33°56.78' N. lat., 119°27.44' W. long.;
- (271) 33°58.03' N. lat., 119°27.82' W. long.;
- (272) 33°59.31' N. lat., 119°20.02' W. long.;
- (273) 34°02.91' N. lat., 119°15.38' W. long.;
- (274) 33°59.04' N. lat., 119°03.02' W. long.;



- (275) 33°57.88' N. lat., 118°41.69' W. long.;
- (276) 33°50.89' N. lat., 118°37.78' W. long.;
- (277) 33°39.54' N. lat., 118°18.70' W. long.;
- (278) 33°35.42' N. lat., 118°17.15' W. long.;
- (279) 33°31.26' N. lat., 118°10.84' W. long.;
- (280) 33°32.71' N. lat., 117°52.05' W. long.;
- (281) 32°58.94' N. lat., 117°20.05' W. long.;
- (282) 32°46.45' N. lat., 117°24.37' W. long.;
- (283) 32°42.25' N. lat., 117°22.87' W. long.;
- (284) 32°39.50' N. lat., 117°27.80' W. long.; and
- (285) 32°34.83' N. lat., 117°24.67' W. long.

(b) The 180 fm (329 m) depth contour used around San Clemente Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°01.90' N. lat., 118°40.17' W. long.;
- (2) 33°03.23' N. lat., 118°40.05' W. long.;
- (3) 33°05.07' N. lat., 118°39.01' W. long.;
- (4) 33°05.00' N. lat., 118°38.01' W. long.;
- (5) 33°03.00' N. lat., 118°34.00' W. long.;
- (6) 32°55.92' N. lat., 118°28.39' W. long.;
- (7) 32°49.78' N. lat., 118°20.82' W. long.;
- (8) 32°47.32' N. lat., 118°18.30' W. long.;
- (9) 32°47.46' N. lat., 118°20.29' W. long.;
- (10) 32°46.21' N. lat., 118°21.96' W. long.;
- (11) 32°42.25' N. lat., 118°24.07' W. long.;
- (12) 32°47.73' N. lat., 118°31.74' W. long.;
- (13) 32°53.16' N. lat., 118°33.85' W. long.;
- (14) 32°54.51' N. lat., 118°35.56' W. long.; and
- (15) 33°01.90' N. lat., 118°40.17' W. long.

(c) The 180 fm (329 m) depth contour used around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°30.00' N. lat., 118°44.18' W. long.;
- (2) 33°30.65' N. lat., 118°35.07' W. long.;

(3) 33°29.88' N. lat., 118°30.89' W. long.;

(4) 33°27.54' N. lat., 118°26.91' W. long.;

(5) 33°26.11' N. lat., 118°21.97' W. long.;

(6) 33°24.20' N. lat., 118°19.05' W. long.;

(7) 33°14.58' N. lat., 118°10.35' W. long.;

(8) 33°17.91' N. lat., 118°28.20' W. long.;

(9) 33°19.14' N. lat., 118°31.34' W. long.;

(10) 33°20.79' N. lat., 118°33.75' W. long.;

(11) 33°23.14' N. lat., 118°30.80' W. long.;and

(12) 33°30.00' N. lat., 118°44.18' W. long.

(d) The 180 fm (329 m) depth contour used around Lasuen Knoll off the state of California is defined by straight lines connecting all of the following points in the order stated:

(1) 33°25.05' N lat., 118°01.70' W long.;

(2) 33°25.41' N lat., 117°59.36' W long.;

(3) 33°23.49' N lat., 117°57.47' W long.;

(4) 33°23.02' N lat., 117°59.78' W long.;

(5) 33°23.85' N lat., 118°00.88' W long.; and

(6) 33°25.05' N lat., 118°01.70' W long.

(e) The 180 fm (329 m) depth contour used around San Diego Rise off the state of California is defined by straight lines connecting all of the following points in the order stated:

(1) 32°49.98' N. lat., 117°50.19' W. long.;

(2) 32°44.10' N. lat., 117°45.34' W. long.;

(3) 32°42.01' N. lat., 117°46.01' W. long.;

(4) 32°44.42' N. lat., 117°48.69' W. long.;

(5) 32°49.86' N. lat., 117°50.50' W. long.; and

(6) 32°49.98' N. lat., 117°50.19' W. long.

(f) The 180 fm (329 m) depth contour between 42° N. lat. and the U.S. border with Mexico, modified to allow fishing in petrale sole areas, is defined by straight lines connecting all of the following points in the order stated:

(1) 42°00.00' N. lat., 124°36.37' W. long.;

(2) 41°47.79' N. lat., 124°29.48' W. long.;

(3) 41°21.16' N. lat., 124°28.97' W. long.;

(4) 41°11.30' N. lat., 124°22.86' W. long.;

- (5) 41°06.51' N. lat., 124°23.07' W. long.;
- (6) 40°55.20' N. lat., 124°27.46' W. long.;
- (7) 40°53.95' N. lat., 124°26.04' W. long.;
- (8) 40°49.96' N. lat., 124°26.04' W. long.;
- (9) 40°44.49' N. lat., 124°30.81' W. long.;
- (10) 40°40.58' N. lat., 124°32.05' W. long.;
- (11) 40°38.82' N. lat., 124°29.45' W. long.;
- (12) 40°35.65' N. lat., 124°30.34' W. long.;
- (13) 40°37.39' N. lat., 124°37.00' W. long.;
- (14) 40°36.03' N. lat., 124°39.97' W. long.;
- (15) 40°31.42' N. lat., 124°40.85' W. long.;
- (16) 40°30.00' N. lat., 124°37.12' W. long.;
- (17) 40°27.36' N. lat., 124°37.14' W. long.;
- (18) 40°24.81' N. lat., 124°35.82' W. long.;
- (19) 40°22.45' N. lat., 124°30.94' W. long.;
- (20) 40°14.00' N. lat., 124°32.90' W. long.;
- (21) 40°10.00' N. lat., 124°23.56' W. long.;
- (22) 40°06.67' N. lat., 124°19.08' W. long.;
- (23) 40°08.10' N. lat., 124°16.71' W. long.;
- (24) 40°05.90' N. lat., 124°17.77' W. long.;
- (25) 40°02.80' N. lat., 124°16.28' W. long.;
- (26) 40°01.98' N. lat., 124°12.99' W. long.;
- (27) 40°01.52' N. lat., 124°09.83' W. long.;
- (28) 39°58.55' N. lat., 124°12.32' W. long.;
- (29) 39°55.74' N. lat., 124°07.37' W. long.;
- (30) 39°42.78' N. lat., 124°02.11' W. long.;
- (31) 39°34.76' N. lat., 123°58.51' W. long.;
- (32) 39°34.22' N. lat., 123°56.82' W. long.;
- (33) 39°32.98' N. lat., 123°56.43' W. long.;
- (34) 39°32.14' N. lat., 123°58.83' W. long.;
- (35) 39°07.79' N. lat., 123°58.72' W. long.;

- (36) 39°00.99' N. lat., 123°57.56' W. long.;
- (37) 39°00.05' N. lat., 123°56.83' W. long.;
- (38) 38°57.50' N. lat., 123°57.04' W. long.;
- (39) 38°51.19' N. lat., 123°55.70' W. long.;
- (40) 38°47.29' N. lat., 123°51.12' W. long.;
- (41) 38°45.48' N. lat., 123°51.36' W. long.;
- (42) 38°43.24' N. lat., 123°49.91' W. long.;
- (43) 38°41.61' N. lat., 123°47.50' W. long.;
- (44) 38°35.75' N. lat., 123°43.76' W. long.;
- (45) 38°34.92' N. lat., 123°42.45' W. long.;
- (46) 38°19.84' N. lat., 123°31.96' W. long.;
- (47) 38°14.38' N. lat., 123°25.51' W. long.;
- (48) 38°09.39' N. lat., 123°24.39' W. long.;
- (49) 38°10.02' N. lat., 123°26.73' W. long.;
- (50) 38°04.11' N. lat., 123°31.62' W. long.;
- (51) 38°02.11' N. lat., 123°31.11' W. long.;
- (52) 38°00.23' N. lat., 123°29.51' W. long.;
- (53) 38°00.00' N. lat., 123°28.72' W. long.;
- (54) 37°58.07' N. lat., 123°26.97' W. long.;
- (55) 37°50.80' N. lat., 123°24.47' W. long.;
- (56) 37°44.21' N. lat., 123°11.38' W. long.;
- (57) 37°35.67' N. lat., 123°01.86' W. long.;
- (58) 37°23.42' N. lat., 122°56.78' W. long.;
- (59) 37°23.23' N. lat., 122°53.78' W. long.;
- (60) 37°13.97' N. lat., 122°49.91' W. long.;
- (61) 37°11.00' N. lat., 122°45.61' W. long.;
- (62) 37°07.00' N. lat., 122°42.89' W. long.;
- (63) 37°01.10' N. lat., 122°37.50' W. long.;
- (64) 36°57.81' N. lat., 122°28.29' W. long.;
- (65) 36°59.83' N. lat., 122°25.17' W. long.;
- (66) 36°57.21' N. lat., 122°25.17' W. long.;

- (67) 36°57.81' N. lat., 122°21.73' W. long.;
- (68) 36°56.10' N. lat., 122°21.51' W. long.;
- (69) 36°55.17' N. lat., 122°16.94' W. long.;
- (70) 36°52.06' N. lat., 122°12.12' W. long.;
- (71) 36°47.63' N. lat., 122°07.40' W. long.;
- (72) 36°47.37' N. lat., 122°03.10' W. long.;
- (73) 36°24.14' N. lat., 121°59.45' W. long.;
- (74) 36°21.82' N. lat., 122°00.80' W. long.;
- (75) 36°19.47' N. lat., 122°05.28' W. long.;
- (76) 36°14.67' N. lat., 122°00.88' W. long.;
- (77) 36°09.34' N. lat., 121°42.61' W. long.;
- (78) 36°00.00' N. lat., 121°35.77' W. long.;
- (79) 35°56.78' N. lat., 121°32.69' W. long.;
- (80) 35°52.71' N. lat., 121°32.32' W. long.;
- (81) 35°51.23' N. lat., 121°30.54' W. long.;
- (82) 35°46.07' N. lat., 121°29.75' W. long.;
- (83) 35°34.08' N. lat., 121°19.83' W. long.;
- (84) 35°31.41' N. lat., 121°14.80' W. long.;
- (85) 35°15.42' N. lat., 121°03.47' W. long.;
- (86) 35°07.21' N. lat., 120°59.05' W. long.;
- (87) 35°07.45' N. lat., 120°57.09' W. long.;
- (88) 34°44.29' N. lat., 120°54.28' W. long.;
- (89) 34°44.24' N. lat., 120°57.62' W. long.;
- (90) 34°40.04' N. lat., 120°53.95' W. long.;
- (91) 34°27.00' N. lat., 120°41.50' W. long.;
- (92) 34°21.16' N. lat., 120°33.11' W. long.;
- (93) 34°19.15' N. lat., 120°19.78' W. long.;
- (94) 34°23.24' N. lat., 120°14.17' W. long.;
- (95) 34°21.47' N. lat., 119°54.68' W. long.;
- (96) 34°09.79' N. lat., 119°44.51' W. long.;
- (97) 34°07.34' N. lat., 120°06.71' W. long.;

- (98) 34°09.43' N. lat., 120°18.34' W. long.;
- (99) 34°12.50' N. lat., 120°18.34' W. long.;
- (100) 34°12.50' N. lat., 120°26.11' W. long.;
- (101) 34°14.02' N. lat., 120°29.61' W. long.;
- (102) 34°09.55' N. lat., 120°37.83' W. long.;
- (103) 34°05.35' N. lat., 120°36.23' W. long.;
- (104) 34°02.21' N. lat., 120°36.23' W. long.;
- (105) 34°02.21' N. lat., 120°33.94' W. long.;
- (106) 33°56.82' N. lat., 120°28.30' W. long.;
- (107) 33°50.40' N. lat., 120°09.94' W. long.;
- (108) 33°38.21' N. lat., 119°59.90' W. long.;
- (109) 33°35.35' N. lat., 119°51.95' W. long.;
- (110) 33°35.99' N. lat., 119°49.13' W. long.;
- (111) 33°42.74' N. lat., 119°47.81' W. long.;
- (112) 33°51.63' N. lat., 119°52.94' W. long.;
- (113) 33°51.62' N. lat., 119°47.94' W. long.;
- (114) 33°54.67' N. lat., 119°47.94' W. long.;
- (115) 33°57.84' N. lat., 119°30.94' W. long.;
- (116) 33°54.11' N. lat., 119°30.94' W. long.;
- (117) 33°54.11' N. lat., 119°25.94' W. long.;
- (118) 33°58.14' N. lat., 119°25.94' W. long.;
- (119) 33°59.31' N. lat., 119°20.02' W. long.;
- (120) 34°02.91' N. lat., 119°15.38' W. long.;
- (121) 33°59.04' N. lat., 119°03.02' W. long.;
- (122) 33°57.88' N. lat., 118°41.69' W. long.;
- (123) 33°50.89' N. lat., 118°37.78' W. long.;
- (124) 33°39.16' N. lat., 118°18.24' W. long.;
- (125) 33°35.44' N. lat., 118°17.31' W. long.;
- (126) 33°31.37' N. lat., 118°10.39' W. long.;
- (127) 33°32.71' N. lat., 117°52.05' W. long.;
- (128) 32°58.94' N. lat., 117°20.06' W. long.; and

(129) 32°35.48' N. lat., 117°28.83' W. long.

(g) The 200-fm (366-m) depth contour between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°14.75' N. lat., 125°41.73' W. long.;
- (2) 48°12.85' N. lat., 125°38.06' W. long.;
- (3) 48°10.00' N. lat., 125°41.82' W. long.;
- (4) 48°07.10' N. lat., 125°45.65' W. long.;
- (5) 48°05.71' N. lat., 125°44.70' W. long.;
- (6) 48°04.07' N. lat., 125°36.96' W. long.;
- (7) 48°03.05' N. lat., 125°36.38' W. long.;
- (8) 48°01.98' N. lat., 125°37.41' W. long.;
- (9) 48°01.46' N. lat., 125°39.61' W. long.;
- (10) 47°56.94' N. lat., 125°36.65' W. long.;
- (11) 47°55.11' N. lat., 125°36.92' W. long.;
- (12) 47°54.10' N. lat., 125°34.98' W. long.;
- (13) 47°54.50' N. lat., 125°32.01' W. long.;
- (14) 47°55.77' N. lat., 125°30.13' W. long.;
- (15) 47°55.65' N. lat., 125°28.46' W. long.;
- (16) 47°58.11' N. lat., 125°26.60' W. long.;
- (17) 48°00.40' N. lat., 125°24.83' W. long.;
- (18) 48°02.04' N. lat., 125°22.90' W. long.;
- (19) 48°03.60' N. lat., 125°21.84' W. long.;
- (20) 48°03.98' N. lat., 125°20.65' W. long.;
- (21) 48°03.26' N. lat., 125°19.76' W. long.;
- (22) 48°01.50' N. lat., 125°18.80' W. long.;
- (23) 48°01.03' N. lat., 125°20.12' W. long.;
- (24) 48°00.04' N. lat., 125°20.26' W. long.;
- (25) 47°58.10' N. lat., 125°18.91' W. long.;
- (26) 47°58.17' N. lat., 125°17.50' W. long.;
- (27) 47°52.33' N. lat., 125°15.78' W. long.;
- (28) 47°49.20' N. lat., 125°10.67' W. long.;
- (29) 47°48.27' N. lat., 125°07.38' W. long.;

- (30) 47°47.24' N. lat., 125°05.38' W. long.;
- (31) 47°45.95' N. lat., 125°04.61' W. long.;
- (32) 47°44.58' N. lat., 125°07.12' W. long.;
- (33) 47°42.24' N. lat., 125°05.15' W. long.;
- (34) 47°38.54' N. lat., 125°06.76' W. long.;
- (35) 47°35.03' N. lat., 125°04.28' W. long.;
- (36) 47°28.82' N. lat., 124°56.24' W. long.;
- (37) 47°29.15' N. lat., 124°54.10' W. long.;
- (38) 47°28.43' N. lat., 124°51.58' W. long.;
- (39) 47°24.13' N. lat., 124°47.50' W. long.;
- (40) 47°18.31' N. lat., 124°46.17' W. long.;
- (41) 47°19.57' N. lat., 124°51.00' W. long.;
- (42) 47°18.12' N. lat., 124°53.66' W. long.;
- (43) 47°17.60' N. lat., 124°52.94' W. long.;
- (44) 47°17.71' N. lat., 124°51.63' W. long.;
- (45) 47°16.90' N. lat., 124°51.23' W. long.;
- (46) 47°16.10' N. lat., 124°53.67' W. long.;
- (47) 47°14.24' N. lat., 124°53.02' W. long.;
- (48) 47°12.16' N. lat., 124°56.77' W. long.;
- (49) 47°13.35' N. lat., 124°58.70' W. long.;
- (50) 47°09.53' N. lat., 124°58.32' W. long.;
- (51) 47°09.54' N. lat., 124°59.50' W. long.;
- (52) 47°05.87' N. lat., 124°59.30' W. long.;
- (53) 47°03.65' N. lat., 124°56.26' W. long.;
- (54) 47°00.87' N. lat., 124°59.52' W. long.;
- (55) 46°56.80' N. lat., 125°00.00' W. long.;
- (56) 46°51.55' N. lat., 125°00.00' W. long.;
- (57) 46°50.07' N. lat., 124°53.90' W. long.;
- (58) 46°44.88' N. lat., 124°51.97' W. long.;
- (59) 46°38.17' N. lat., 124°42.66' W. long.;
- (60) 46°33.45' N. lat., 124°36.11' W. long.;



- (61) 46°33.20' N. lat., 124°30.64' W. long.;
- (62) 46°27.85' N. lat., 124°31.95' W. long.;
- (63) 46°18.27' N. lat., 124°39.28' W. long.;
- (64) 46°16.00' N. lat., 124°24.88' W. long.;
- (65) 46°14.22' N. lat., 124°26.29' W. long.;
- (66) 46°11.53' N. lat., 124°39.58' W. long.;
- (67) 46°08.77' N. lat., 124°41.71' W. long.;
- (68) 46°05.86' N. lat., 124°42.26' W. long.;
- (69) 46°03.85' N. lat., 124°48.20' W. long.;
- (70) 46°02.33' N. lat., 124°48.51' W. long.;
- (71) 45°58.99' N. lat., 124°44.42' W. long.;
- (72) 45°46.90' N. lat., 124°43.50' W. long.;
- (73) 45°46.00' N. lat., 124°44.27' W. long.;
- (74) 45°44.98' N. lat., 124°44.93' W. long.;
- (75) 45°43.46' N. lat., 124°44.93' W. long.;
- (76) 45°34.88' N. lat., 124°32.59' W. long.;
- (77) 45°20.25' N. lat., 124°25.47' W. long.;
- (78) 45°13.06' N. lat., 124°22.25' W. long.;
- (79) 45°03.83' N. lat., 124°27.13' W. long.;
- (80) 45°00.17' N. lat., 124°29.29' W. long.;
- (81) 44°55.60' N. lat., 124°32.36' W. long.;
- (82) 44°48.25' N. lat., 124°40.61' W. long.;
- (83) 44°42.24' N. lat., 124°48.05' W. long.;
- (84) 44°41.35' N. lat., 124°48.03' W. long.;
- (85) 44°40.27' N. lat., 124°49.11' W. long.;
- (86) 44°38.52' N. lat., 124°49.11' W. long.;
- (87) 44°21.73' N. lat., 124°49.82' W. long.;
- (88) 44°17.57' N. lat., 124°55.04' W. long.;
- (89) 44°13.19' N. lat., 124°58.66' W. long.;
- (90) 44°08.30' N. lat., 124°58.50' W. long.;
- (91) 43°57.89' N. lat., 124°58.13' W. long.;

- (92) 43°50.59' N. lat., 124°52.80' W. long.;
- (93) 43°50.10' N. lat., 124°40.27' W. long.;
- (94) 43°39.05' N. lat., 124°38.56' W. long.;
- (95) 43°28.85' N. lat., 124°40.00' W. long.;
- (96) 43°20.83' N. lat., 124°42.84' W. long.;
- (97) 43°20.22' N. lat., 124°43.05' W. long.;
- (98) 43°13.29' N. lat., 124°47.00' W. long.;
- (99) 43°13.15' N. lat., 124°52.61' W. long.;
- (100) 43°04.60' N. lat., 124°53.01' W. long.;
- (101) 42°57.56' N. lat., 124°54.10' W. long.;
- (102) 42°53.82' N. lat., 124°55.76' W. long.;
- (103) 42°53.41' N. lat., 124°54.35' W. long.;
- (104) 42°49.52' N. lat., 124°53.16' W. long.;
- (105) 42°47.47' N. lat., 124°50.24' W. long.;
- (106) 42°47.57' N. lat., 124°48.13' W. long.;
- (107) 42°46.19' N. lat., 124°44.52' W. long.;
- (108) 42°41.75' N. lat., 124°44.69' W. long.;
- (109) 42°40.50' N. lat., 124°44.02' W. long.;
- (110) 42°38.81' N. lat., 124°43.09' W. long.;
- (111) 42°31.82' N. lat., 124°46.24' W. long.;
- (112) 42°31.96' N. lat., 124°44.32' W. long.;
- (113) 42°30.95' N. lat., 124°44.50' W. long.;
- (114) 42°28.39' N. lat., 124°49.56' W. long.;
- (115) 42°23.34' N. lat., 124°44.91' W. long.;
- (116) 42°19.72' N. lat., 124°41.60' W. long.;
- (117) 42°15.12' N. lat., 124°38.34' W. long.;
- (118) 42°13.67' N. lat., 124°38.22' W. long.;
- (119) 42°12.35' N. lat., 124°38.09' W. long.;
- (120) 42°04.35' N. lat., 124°37.23' W. long.;
- (121) 42°00.00' N. lat., 124°36.80' W. long.;
- (122) 41°47.84' N. lat., 124°30.48' W. long.;

- (123) 41°43.33' N. lat., 124°29.96' W. long.;
- (124) 41°23.46' N. lat., 124°30.36' W. long.;
- (125) 41°21.29' N. lat., 124°29.43' W. long.;
- (126) 41°13.52' N. lat., 124°24.48' W. long.;
- (127) 41°06.71' N. lat., 124°23.37' W. long.;
- (128) 40°54.66' N. lat., 124°28.20' W. long.;
- (129) 40°51.52' N. lat., 124°27.47' W. long.;
- (130) 40°40.62' N. lat., 124°32.75' W. long.;
- (131) 40°36.08' N. lat., 124°40.18' W. long.;
- (132) 40°32.90' N. lat., 124°41.90' W. long.;
- (133) 40°31.30' N. lat., 124°41.00' W. long.;
- (134) 40°30.16' N. lat., 124°37.91' W. long.;
- (135) 40°27.29' N. lat., 124°37.34' W. long.;
- (136) 40°24.98' N. lat., 124°36.44' W. long.;
- (137) 40°22.34' N. lat., 124°31.22' W. long.;
- (138) 40°16.94' N. lat., 124°32.00' W. long.;
- (139) 40°17.58' N. lat., 124°45.30' W. long.;
- (140) 40°14.40' N. lat., 124°35.82' W. long.;
- (141) 40°13.24' N. lat., 124°32.43' W. long.;
- (142) 40°10.00' N. lat., 124°24.64' W. long.;
- (143) 40°06.43' N. lat., 124°19.26' W. long.;
- (144) 40°07.06' N. lat., 124°17.82' W. long.;
- (145) 40°04.70' N. lat., 124°18.17' W. long.;
- (146) 40°02.34' N. lat., 124°16.64' W. long.;
- (147) 40°01.52' N. lat., 124°09.89' W. long.;
- (148) 39°58.27' N. lat., 124°13.58' W. long.;
- (149) 39°56.59' N. lat., 124°12.09' W. long.;
- (150) 39°55.19' N. lat., 124°08.03' W. long.;
- (151) 39°52.54' N. lat., 124°09.47' W. long.;
- (152) 39°42.67' N. lat., 124°02.59' W. long.;
- (153) 39°35.95' N. lat., 123°59.56' W. long.;

- (154) 39°34.61' N. lat., 123°59.66' W. long.;
- (155) 39°33.77' N. lat., 123°56.89' W. long.;
- (156) 39°33.01' N. lat., 123°57.14' W. long.;
- (157) 39°32.20' N. lat., 123°59.20' W. long.;
- (158) 39°07.84' N. lat., 123°59.14' W. long.;
- (159) 39°01.11' N. lat., 123°57.97' W. long.;
- (160) 39°00.51' N. lat., 123°56.96' W. long.;
- (161) 38°57.50' N. lat., 123°57.57' W. long.;
- (162) 38°56.57' N. lat., 123°57.80' W. long.;
- (163) 38°56.39' N. lat., 123°59.48' W. long.;
- (164) 38°50.22' N. lat., 123°55.55' W. long.;
- (165) 38°46.76' N. lat., 123°51.56' W. long.;
- (166) 38°45.27' N. lat., 123°51.63' W. long.;
- (167) 38°42.76' N. lat., 123°49.83' W. long.;
- (168) 38°41.53' N. lat., 123°47.83' W. long.;
- (169) 38°40.97' N. lat., 123°48.14' W. long.;
- (170) 38°38.02' N. lat., 123°45.85' W. long.;
- (171) 38°37.19' N. lat., 123°44.08' W. long.;
- (172) 38°33.43' N. lat., 123°41.82' W. long.;
- (173) 38°29.44' N. lat., 123°38.49' W. long.;
- (174) 38°28.08' N. lat., 123°38.33' W. long.;
- (175) 38°23.68' N. lat., 123°35.47' W. long.;
- (176) 38°19.63' N. lat., 123°34.05' W. long.;
- (177) 38°16.23' N. lat., 123°31.90' W. long.;
- (178) 38°14.79' N. lat., 123°29.98' W. long.;
- (179) 38°14.12' N. lat., 123°26.36' W. long.;
- (180) 38°10.85' N. lat., 123°25.84' W. long.;
- (181) 38°13.15' N. lat., 123°28.25' W. long.;
- (182) 38°12.28' N. lat., 123°29.88' W. long.;
- (183) 38°10.19' N. lat., 123°29.11' W. long.;
- (184) 38°07.94' N. lat., 123°28.52' W. long.;

- (185) 38°06.51' N. lat., 123°30.96' W. long.;
- (186) 38°04.21' N. lat., 123°32.03' W. long.;
- (187) 38°02.07' N. lat., 123°31.37' W. long.;
- (188) 38°00.00' N. lat., 123°29.62' W. long.;
- (189) 37°58.13' N. lat., 123°27.28' W. long.;
- (190) 37°55.01' N. lat., 123°27.53' W. long.;
- (191) 37°51.40' N. lat., 123°25.25' W. long.;
- (192) 37°43.97' N. lat., 123°11.56' W. long.;
- (193) 37°35.67' N. lat., 123°02.32' W. long.;
- (194) 37°13.65' N. lat., 122°54.25' W. long.;
- (195) 37°11.00' N. lat., 122°50.97' W. long.;
- (196) 37°07.00' N. lat., 122°45.90' W. long.;
- (197) 37°00.66' N. lat., 122°37.91' W. long.;
- (198) 36°57.40' N. lat., 122°28.32' W. long.;
- (199) 36°59.25' N. lat., 122°25.61' W. long.;
- (200) 36°56.88' N. lat., 122°25.49' W. long.;
- (201) 36°57.40' N. lat., 122°22.69' W. long.;
- (202) 36°55.43' N. lat., 122°22.49' W. long.;
- (203) 36°52.29' N. lat., 122°13.25' W. long.;
- (204) 36°47.12' N. lat., 122°07.62' W. long.;
- (205) 36°47.10' N. lat., 122°02.17' W. long.;
- (206) 36°43.76' N. lat., 121°59.17' W. long.;
- (207) 36°38.85' N. lat., 122°02.26' W. long.;
- (208) 36°23.41' N. lat., 122°00.17' W. long.;
- (209) 36°19.68' N. lat., 122°06.99' W. long.;
- (210) 36°14.75' N. lat., 122°01.57' W. long.;
- (211) 36°09.74' N. lat., 121°45.06' W. long.;
- (212) 36°06.75' N. lat., 121°40.79' W. long.;
- (213) 36°00.00' N. lat., 121°35.98' W. long.;
- (214) 35°58.18' N. lat., 121°34.69' W. long.;
- (215) 35°52.31' N. lat., 121°32.51' W. long.;

- (216) 35°51.21' N. lat., 121°30.97' W. long.;
- (217) 35°46.32' N. lat., 121°30.36' W. long.;
- (218) 35°33.74' N. lat., 121°20.16' W. long.;
- (219) 35°31.37' N. lat., 121°15.29' W. long.;
- (220) 35°23.32' N. lat., 121°11.50' W. long.;
- (221) 35°15.28' N. lat., 121°04.51' W. long.;
- (222) 35°07.08' N. lat., 121°00.36' W. long.;
- (223) 34°57.46' N. lat., 120°58.29' W. long.;
- (224) 34°44.25' N. lat., 120°58.35' W. long.;
- (225) 34°32.30' N. lat., 120°50.28' W. long.;
- (226) 34°27.00' N. lat., 120°42.61' W. long.;
- (227) 34°19.08' N. lat., 120°31.27' W. long.;
- (228) 34°17.72' N. lat., 120°19.32' W. long.;
- (229) 34°22.45' N. lat., 120°12.87' W. long.;
- (230) 34°21.36' N. lat., 119°54.94' W. long.;
- (231) 34°09.95' N. lat., 119°46.24' W. long.;
- (232) 34°09.08' N. lat., 119°57.59' W. long.;
- (233) 34°07.53' N. lat., 120°06.41' W. long.;
- (234) 34°10.54' N. lat., 120°19.13' W. long.;
- (235) 34°14.68' N. lat., 120°29.54' W. long.;
- (236) 34°09.51' N. lat., 120°38.38' W. long.;
- (237) 34°03.06' N. lat., 120°35.60' W. long.;
- (238) 33°56.39' N. lat., 120°28.53' W. long.;
- (239) 33°50.25' N. lat., 120°09.49' W. long.;
- (240) 33°37.96' N. lat., 120°00.14' W. long.;
- (241) 33°34.52' N. lat., 119°51.90' W. long.;
- (242) 33°35.51' N. lat., 119°48.55' W. long.;
- (243) 33°42.76' N. lat., 119°47.83' W. long.;
- (244) 33°53.62' N. lat., 119°53.34' W. long.;
- (245) 33°57.61' N. lat., 119°31.32' W. long.;
- (246) 33°56.34' N. lat., 119°26.46' W. long.;

- (247) 33°57.79' N. lat., 119°26.91' W. long.;
- (248) 33°58.88' N. lat., 119°20.12' W. long.;
- (249) 34°02.65' N. lat., 119°15.17' W. long.;
- (250) 33°59.02' N. lat., 119°03.05' W. long.;
- (251) 33°57.61' N. lat., 118°42.13' W. long.;
- (252) 33°50.76' N. lat., 118°38.03' W. long.;
- (253) 33°39.41' N. lat., 118°18.74' W. long.;
- (254) 33°35.51' N. lat., 118°18.08' W. long.;
- (255) 33°30.68' N. lat., 118°10.40' W. long.;
- (256) 33°32.49' N. lat., 117°51.90' W. long.;
- (257) 32°58.87' N. lat., 117°20.41' W. long.; and
- (258) 32°35.53' N. lat., 117°29.72' W. long.

(h) The 200 fm (366 m) depth contour used around San Clemente Island is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°05.89' N. lat., 118°39.45' W. long.;
- (2) 33°02.68' N. lat., 118°33.14' W. long.;
- (3) 32°57.32' N. lat., 118°29.12' W. long.;
- (4) 32°47.51' N. lat., 118°17.88' W. long.;
- (5) 32°41.22' N. lat., 118°23.78' W. long.;
- (6) 32°46.83' N. lat., 118°32.10' W. long.;
- (7) 33°01.61' N. lat., 118°40.64' W. long.; and
- (8) 33°5.89' N. lat., 118°39.45' W. long.

(i) The 200 fm (366 m) depth contour used around Santa Catalina Island off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°32.06' N. lat., 118°44.52' W. long.;
- (2) 33°31.36' N. lat., 118°35.28' W. long.;
- (3) 33°30.10' N. lat., 118°30.82' W. long.;
- (4) 33°27.91' N. lat., 118°26.83' W. long.;
- (5) 33°26.27' N. lat., 118°21.35' W. long.;
- (6) 33°21.34' N. lat., 118°15.24' W. long.;
- (7) 33°13.66' N. lat., 118°08.98' W. long.;
- (8) 33°17.15' N. lat., 118°28.35' W. long.;

- (9) 33°20.94' N. lat., 118°34.34' W. long.;
  - (10) 33°23.32' N. lat., 118°32.60' W. long.;
  - (11) 33°28.68' N. lat., 118°44.93' W. long.; and
  - (12) 33°32.06' N. lat., 118°44.52' W. long.
- (j) The 200 fm (366 m) depth contour used around Lasuen Knoll off the state of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 33°25.91' N lat., 117°59.44' W long.;
  - (2) 33°23.37' N lat., 117°56.97' W long.;
  - (3) 33°22.88' N lat., 117°59.72' W long.;
  - (4) 33°23.85' N lat., 118°01.03' W long.;
  - (5) 33°25.20' N lat., 118°01.89' W long.; and
  - (6) 33°25.91' N lat., 117°59.44' W long.
- (k) The 200 fm (366 m) depth contour used around San Diego Rise off the state of California is defined by straight lines connecting all of the following points in the order stated:
- (1) 32°50.30' N. lat., 117°50.18' W. long.;
  - (2) 32°44.01' N. lat., 117°44.46' W. long.;
  - (3) 32°41.34' N. lat., 117°45.86' W. long.;
  - (4) 32°45.45' N. lat., 117°50.09' W. long.;
  - (5) 32°50.10' N. lat., 117°50.76' W. long.; and
  - (6) 32°50.30' N. lat., 117°50.18' W. long.
- (l) The 200-fm (366-m) depth contour used between the U.S. border with Canada and the U.S. border with Mexico, modified to allow fishing in petrale sole areas, is defined by straight lines connecting all of the following points in the order stated:
- (1) 48°14.75' N. lat., 125°41.73' W. long.;
  - (2) 48°12.85' N. lat., 125°38.06' W. long.;
  - (3) 48°10.00' N. lat., 125°41.82' W. long.;
  - (4) 48°07.10' N. lat., 125°45.65' W. long.;
  - (5) 48°05.71' N. lat., 125°44.69' W. long.;
  - (6) 48°04.07' N. lat., 125°36.96' W. long.;
  - (7) 48°03.05' N. lat., 125°36.38' W. long.;
  - (8) 48°01.98' N. lat., 125°37.41' W. long.;
  - (9) 48°01.46' N. lat., 125°39.61' W. long.;
  - (10) 47°56.94' N. lat., 125°36.65' W. long.;



- (11) 47°55.77' N. lat., 125°30.13' W. long.;
- (12) 47°55.65' N. lat., 125°28.46' W. long.;
- (13) 47°58.11' N. lat., 125°26.60' W. long.;
- (14) 48°00.40' N. lat., 125°24.83' W. long.;
- (15) 48°02.04' N. lat., 125°22.90' W. long.;
- (16) 48°03.60' N. lat., 125°21.84' W. long.;
- (17) 48°03.98' N. lat., 125°20.65' W. long.;
- (18) 48°03.26' N. lat., 125°19.76' W. long.;
- (19) 48°01.50' N. lat., 125°18.80' W. long.;
- (20) 48°01.03' N. lat., 125°20.12' W. long.;
- (21) 48°00.04' N. lat., 125°20.26' W. long.;
- (22) 47°58.10' N. lat., 125°18.91' W. long.;
- (23) 47°58.17' N. lat., 125°17.50' W. long.;
- (24) 47°52.33' N. lat., 125°15.78' W. long.;
- (25) 47°49.20' N. lat., 125°10.67' W. long.;
- (26) 47°48.27' N. lat., 125°07.38' W. long.;
- (27) 47°47.24' N. lat., 125°05.38' W. long.;
- (28) 47°45.95' N. lat., 125°04.61' W. long.;
- (29) 47°44.58' N. lat., 125°07.12' W. long.;
- (30) 47°42.24' N. lat., 125°05.15' W. long.;
- (31) 47°38.54' N. lat., 125°06.76' W. long.;
- (32) 47°35.03' N. lat., 125°04.28' W. long.;
- (33) 47°28.82' N. lat., 124°56.24' W. long.;
- (34) 47°29.15' N. lat., 124°54.10' W. long.;
- (35) 47°28.43' N. lat., 124°51.58' W. long.;
- (36) 47°24.13' N. lat., 124°47.50' W. long.;
- (37) 47°18.31' N. lat., 124°46.17' W. long.;
- (38) 47°19.57' N. lat., 124°51.00' W. long.;
- (39) 47°18.12' N. lat., 124°53.66' W. long.;
- (40) 47°17.60' N. lat., 124°52.94' W. long.;
- (41) 47°17.71' N. lat., 124°51.63' W. long.;

- (42) 47°16.90' N. lat., 124°51.23' W. long.;
- (43) 47°16.10' N. lat., 124°53.67' W. long.;
- (44) 47°14.24' N. lat., 124°53.02' W. long.;
- (45) 47°12.16' N. lat., 124°56.77' W. long.;
- (46) 47°13.35' N. lat., 124°58.70' W. long.;
- (47) 47°09.53' N. lat., 124°58.32' W. long.;
- (48) 47°09.54' N. lat., 124°59.50' W. long.;
- (49) 47°05.87' N. lat., 124°59.30' W. long.;
- (50) 47°03.65' N. lat., 124°56.26' W. long.;
- (51) 47°00.87' N. lat., 124°59.52' W. long.;
- (52) 46°56.80' N. lat., 125°00.00' W. long.;
- (53) 46°51.55' N. lat., 125°00.00' W. long.;
- (54) 46°50.07' N. lat., 124°53.90' W. long.;
- (55) 46°44.88' N. lat., 124°51.97' W. long.;
- (56) 46°38.17' N. lat., 124°42.66' W. long.;
- (57) 46°33.45' N. lat., 124°36.11' W. long.;
- (58) 46°33.20' N. lat., 124°30.64' W. long.;
- (59) 46°27.85' N. lat., 124°31.95' W. long.;
- (60) 46°18.27' N. lat., 124°39.28' W. long.;
- (61) 46°16.00' N. lat., 124°24.88' W. long.;
- (62) 46°14.22' N. lat., 124°26.28' W. long.;
- (63) 46°11.53' N. lat., 124°39.58' W. long.;
- (64) 46°08.77' N. lat., 124°41.71' W. long.;
- (65) 46°05.86' N. lat., 124°42.27' W. long.;
- (66) 46°03.85' N. lat., 124°48.20' W. long.;
- (67) 46°02.34' N. lat., 124°48.51' W. long.;
- (68) 45°58.99' N. lat., 124°44.42' W. long.;
- (69) 45°49.68' N. lat., 124°42.37' W. long.;
- (70) 45°49.74' N. lat., 124°43.69' W. long.;
- (71) 45°46.00' N. lat., 124°41.82' W. long.;
- (72) 45°40.83' N. lat., 124°40.90' W. long.;

- (73) 45°34.88' N. lat., 124°32.58' W. long.;
- (74) 45°20.25' N. lat., 124°25.47' W. long.;
- (75) 45°13.04' N. lat., 124°21.92' W. long.;
- (76) 45°03.83' N. lat., 124°27.13' W. long.;
- (77) 45°00.17' N. lat., 124°29.28' W. long.;
- (78) 44°50.99' N. lat., 124°35.40' W. long.;
- (79) 44°46.87' N. lat., 124°38.20' W. long.;
- (80) 44°48.25' N. lat., 124°40.61' W. long.;
- (81) 44°42.24' N. lat., 124°48.05' W. long.;
- (82) 44°41.35' N. lat., 124°48.03' W. long.;
- (83) 44°40.27' N. lat., 124°49.11' W. long.;
- (84) 44°38.52' N. lat., 124°49.11' W. long.;
- (85) 44°21.73' N. lat., 124°49.82' W. long.;
- (86) 44°17.57' N. lat., 124°55.04' W. long.;
- (87) 44°13.19' N. lat., 124°58.66' W. long.;
- (88) 43°57.88' N. lat., 124°58.25' W. long.;
- (89) 43°56.89' N. lat., 124°57.33' W. long.;
- (90) 43°52.32' N. lat., 124°49.43' W. long.;
- (91) 43°51.35' N. lat., 124°37.94' W. long.;
- (92) 43°49.73' N. lat., 124°40.26' W. long.;
- (93) 43°39.06' N. lat., 124°38.55' W. long.;
- (94) 43°28.85' N. lat., 124°39.99' W. long.;
- (95) 43°20.83' N. lat., 124°42.89' W. long.;
- (96) 43°20.22' N. lat., 124°43.05' W. long.;
- (97) 43°13.29' N. lat., 124°47.00' W. long.;
- (98) 43°10.64' N. lat., 124°49.95' W. long.;
- (99) 43°04.26' N. lat., 124°53.05' W. long.;
- (100) 42°53.93' N. lat., 124°54.60' W. long.;
- (101) 42°50.00' N. lat., 124°50.60' W. long.;
- (102) 42°47.57' N. lat., 124°48.12' W. long.;
- (103) 42°46.19' N. lat., 124°44.52' W. long.;

- (104) 42°41.75' N. lat., 124°44.69' W. long.;
- (105) 42°40.50' N. lat., 124°44.02' W. long.;
- (106) 42°38.81' N. lat., 124°43.09' W. long.;
- (107) 42°31.83' N. lat., 124°46.23' W. long.;
- (108) 42°32.08' N. lat., 124°43.58' W. long.;
- (109) 42°30.96' N. lat., 124°43.84' W. long.;
- (110) 42°28.41' N. lat., 124°49.17' W. long.;
- (111) 42°24.80' N. lat., 124°45.93' W. long.;
- (112) 42°19.71' N. lat., 124°41.60' W. long.;
- (113) 42°15.12' N. lat., 124°38.34' W. long.;
- (114) 42°13.67' N. lat., 124°38.28' W. long.;
- (115) 42°12.35' N. lat., 124°38.09' W. long.;
- (116) 42°00.00' N. lat., 124°36.83' W. long.;
- (117) 41°47.78' N. lat., 124°29.55' W. long.;
- (118) 41°21.15' N. lat., 124°29.04' W. long.;
- (119) 41°13.50' N. lat., 124°24.40' W. long.;
- (120) 41°11.00' N. lat., 124°22.99' W. long.;
- (121) 41°06.69' N. lat., 124°23.30' W. long.;
- (122) 40°54.73' N. lat., 124°28.15' W. long.;
- (123) 40°53.94' N. lat., 124°26.11' W. long.;
- (124) 40°50.31' N. lat., 124°26.15' W. long.;
- (125) 40°44.49' N. lat., 124°30.89' W. long.;
- (126) 40°40.62' N. lat., 124°32.16' W. long.;
- (127) 40°38.87' N. lat., 124°30.15' W. long.;
- (128) 40°35.67' N. lat., 124°30.43' W. long.;
- (129) 40°37.41' N. lat., 124°37.06' W. long.;
- (130) 40°36.09' N. lat., 124°40.11' W. long.;
- (131) 40°31.33' N. lat., 124°41.01' W. long.;
- (132) 40°30.00' N. lat., 124°38.15' W. long.;
- (133) 40°27.34' N. lat., 124°37.28' W. long.;
- (134) 40°25.01' N. lat., 124°36.36' W. long.;

- (135) 40°22.28' N. lat., 124°31.35' W. long.;
- (136) 40°16.29' N. lat., 124°34.50' W. long.;
- (137) 40°14.00' N. lat., 124°33.02' W. long.;
- (138) 40°10.00' N. lat., 124°24.55' W. long.;
- (139) 40°06.45' N. lat., 124°19.24' W. long.;
- (140) 40°07.08' N. lat., 124°17.80' W. long.;
- (141) 40°05.55' N. lat., 124°18.11' W. long.;
- (142) 40°04.74' N. lat., 124°18.11' W. long.;
- (143) 40°02.35' N. lat., 124°16.54' W. long.;
- (144) 40°01.51' N. lat., 124°09.89' W. long.;
- (145) 39°58.54' N. lat., 124°12.43' W. long.;
- (146) 39°55.72' N. lat., 124°09.86' W. long.;
- (147) 39°42.64' N. lat., 124°02.52' W. long.;
- (148) 39°35.96' N. lat., 123°59.47' W. long.;
- (149) 39°34.61' N. lat., 123°59.59' W. long.;
- (150) 39°33.79' N. lat., 123°56.77' W. long.;
- (151) 39°33.03' N. lat., 123°57.06' W. long.;
- (152) 39°32.21' N. lat., 123°59.12' W. long.;
- (153) 39°07.81' N. lat., 123°59.06' W. long.;
- (154) 38°57.50' N. lat., 123°57.32' W. long.;
- (155) 38°52.26' N. lat., 123°56.18' W. long.;
- (156) 38°50.21' N. lat., 123°55.48' W. long.;
- (157) 38°46.81' N. lat., 123°51.49' W. long.;
- (158) 38°45.29' N. lat., 123°51.55' W. long.;
- (159) 38°42.76' N. lat., 123°49.73' W. long.;
- (160) 38°41.42' N. lat., 123°47.45' W. long.;
- (161) 38°35.74' N. lat., 123°43.82' W. long.;
- (162) 38°34.92' N. lat., 123°42.53' W. long.;
- (163) 38°19.65' N. lat., 123°31.95' W. long.;
- (164) 38°14.38' N. lat., 123°25.51' W. long.;
- (165) 38°09.39' N. lat., 123°24.40' W. long.;

- (166) 38°10.06' N. lat., 123°26.84' W. long.;
- (167) 38°04.58' N. lat., 123°31.91' W. long.;
- (168) 38°02.06' N. lat., 123°31.26' W. long.;
- (169) 38°00.00' N. lat., 123°29.56' W. long.;
- (170) 37°58.07' N. lat., 123°27.21' W. long.;
- (171) 37°55.07' N. lat., 123°27.20' W. long.;
- (172) 37°50.77' N. lat., 123°24.52' W. long.;
- (173) 37°43.94' N. lat., 123°11.49' W. long.;
- (174) 37°35.67' N. lat., 123°02.23' W. long.;
- (175) 37°23.48' N. lat., 122°57.77' W. long.;
- (176) 37°23.23' N. lat., 122°53.85' W. long.;
- (177) 37°13.96' N. lat., 122°49.97' W. long.;
- (178) 37°11.00' N. lat., 122°45.68' W. long.;
- (179) 37°07.00' N. lat., 122°43.37' W. long.;
- (180) 37°01.04' N. lat., 122°37.94' W. long.;
- (181) 36°57.40' N. lat., 122°28.36' W. long.;
- (182) 36°59.21' N. lat., 122°25.64' W. long.;
- (183) 36°56.90' N. lat., 122°25.42' W. long.;
- (184) 36°57.60' N. lat., 122°21.95' W. long.;
- (185) 36°55.69' N. lat., 122°22.32' W. long.;
- (186) 36°52.27' N. lat., 122°13.17' W. long.;
- (187) 36°47.38' N. lat., 122°07.62' W. long.;
- (188) 36°47.27' N. lat., 122°03.77' W. long.;
- (189) 36°24.12' N. lat., 121°59.74' W. long.;
- (190) 36°21.99' N. lat., 122°01.01' W. long.;
- (191) 36°19.56' N. lat., 122°05.88' W. long.;
- (192) 36°14.63' N. lat., 122°01.10' W. long.;
- (193) 36°09.74' N. lat., 121°45.01' W. long.;
- (194) 36°06.69' N. lat., 121°40.77' W. long.;
- (195) 36°00.00' N. lat., 121°36.01' W. long.;
- (196) 35°56.54' N. lat., 121°33.27' W. long.;

- (197) 35°52.21' N. lat., 121°32.46' W. long.;
- (198) 35°51.21' N. lat., 121°30.94' W. long.;
- (199) 35°46.28' N. lat., 121°30.29' W. long.;
- (200) 35°33.68' N. lat., 121°20.09' W. long.;
- (201) 35°31.33' N. lat., 121°15.22' W. long.;
- (202) 35°23.29' N. lat., 121°11.41' W. long.;
- (203) 35°15.26' N. lat., 121°04.49' W. long.;
- (204) 35°07.05' N. lat., 121°00.26' W. long.;
- (205) 35°07.46' N. lat., 120°57.10' W. long.;
- (206) 34°44.29' N. lat., 120°54.28' W. long.;
- (207) 34°44.24' N. lat., 120°57.69' W. long.;
- (208) 34°39.06' N. lat., 120°55.01' W. long.;
- (209) 34°27.00' N. lat., 120°42.61' W. long.;
- (210) 34°19.08' N. lat., 120°31.21' W. long.;
- (211) 34°17.72' N. lat., 120°19.26' W. long.;
- (212) 34°22.45' N. lat., 120°12.81' W. long.;
- (213) 34°21.36' N. lat., 119°54.88' W. long.;
- (214) 34°09.95' N. lat., 119°46.18' W. long.;
- (215) 34°09.08' N. lat., 119°57.53' W. long.;
- (216) 34°07.53' N. lat., 120°06.35' W. long.;
- (217) 34°10.37' N. lat., 120°18.40' W. long.;
- (218) 34°12.50' N. lat., 120°18.40' W. long.;
- (219) 34°12.50' N. lat., 120°24.96' W. long.;
- (220) 34°14.68' N. lat., 120°29.48' W. long.;
- (221) 34°09.51' N. lat., 120°38.32' W. long.;
- (222) 34°04.66' N. lat., 120°36.29' W. long.;
- (223) 34°02.21' N. lat., 120°36.29' W. long.;
- (224) 34°02.21' N. lat., 120°34.65' W. long.;
- (225) 33°56.39' N. lat., 120°28.47' W. long.;
- (226) 33°50.40' N. lat., 120°10.00' W. long.;
- (227) 33°37.96' N. lat., 120°00.08' W. long.;

- (228) 33°34.52' N. lat., 119°51.84' W. long.;
- (229) 33°35.51' N. lat., 119°48.49' W. long.;
- (230) 33°42.76' N. lat., 119°47.77' W. long.;
- (231) 33°51.63' N. lat., 119°53.00' W. long.;
- (232) 33°51.62' N. lat., 119°48.00' W. long.;
- (233) 33°54.59' N. lat., 119°48.00' W. long.;
- (234) 33°57.69' N. lat., 119°31.00' W. long.;
- (235) 33°54.11' N. lat., 119°31.00' W. long.;
- (236) 33°54.11' N. lat., 119°26.00' W. long.;
- (237) 33°57.94' N. lat., 119°26.00' W. long.;
- (238) 33°58.88' N. lat., 119°20.06' W. long.;
- (239) 34°02.65' N. lat., 119°15.11' W. long.;
- (240) 33°59.02' N. lat., 119°02.99' W. long.;
- (241) 33°57.61' N. lat., 118°42.07' W. long.;
- (242) 33°50.76' N. lat., 118°37.98' W. long.;
- (243) 33°39.17' N. lat., 118°18.47' W. long.;
- (244) 33°37.14' N. lat., 118°18.39' W. long.;
- (245) 33°35.51' N. lat., 118°18.03' W. long.;
- (246) 33°30.68' N. lat., 118°10.35' W. long.;
- (247) 33°32.49' N. lat., 117°51.85' W. long.;
- (248) 32°58.87' N. lat., 117°20.36' W. long.; and
- (249) 32°35.56' N. lat., 117°29.66' W. long.

(m) The 250-fm (457-m) depth contour used between the U.S. border with Canada and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°14.71' N. lat., 125°41.95' W. long.;
- (2) 48°13.00' N. lat., 125°39.00' W. long.;
- (3) 48°10.00' N. lat., 125°43.00' W. long.;
- (4) 48°08.50' N. lat., 125°45.00' W. long.;
- (5) 48°06.00' N. lat., 125°46.50' W. long.;
- (6) 48°03.50' N. lat., 125°37.00' W. long.;
- (7) 48°01.50' N. lat., 125°40.00' W. long.;
- (8) 47°57.00' N. lat., 125°37.00' W. long.;



- (9) 47°55.20' N. lat., 125°37.26' W. long.;
- (10) 47°54.02' N. lat., 125°36.60' W. long.;
- (11) 47°53.70' N. lat., 125°35.09' W. long.;
- (12) 47°54.16' N. lat., 125°32.38' W. long.;
- (13) 47°55.50' N. lat., 125°28.50' W. long.;
- (14) 47°58.00' N. lat., 125°25.00' W. long.;
- (15) 48°00.50' N. lat., 125°24.50' W. long.;
- (16) 48°03.50' N. lat., 125°21.00' W. long.;
- (17) 48°02.00' N. lat., 125°19.50' W. long.;
- (18) 48°00.00' N. lat., 125°21.00' W. long.;
- (19) 47°58.00' N. lat., 125°20.00' W. long.;
- (20) 47°58.00' N. lat., 125°18.00' W. long.;
- (21) 47°52.00' N. lat., 125°16.50' W. long.;
- (22) 47°46.00' N. lat., 125°06.00' W. long.;
- (23) 47°44.50' N. lat., 125°07.50' W. long.;
- (24) 47°42.00' N. lat., 125°06.00' W. long.;
- (25) 47°37.96' N. lat., 125°07.17' W. long.;
- (26) 47°28.00' N. lat., 124°58.50' W. long.;
- (27) 47°28.88' N. lat., 124°54.70' W. long.;
- (28) 47°27.70' N. lat., 124°51.87' W. long.;
- (29) 47°24.84' N. lat., 124°48.45' W. long.;
- (30) 47°21.76' N. lat., 124°47.42' W. long.;
- (31) 47°18.84' N. lat., 124°46.75' W. long.;
- (32) 47°19.82' N. lat., 124°51.43' W. long.;
- (33) 47°18.13' N. lat., 124°54.25' W. long.;
- (34) 47°13.50' N. lat., 124°54.70' W. long.;
- (35) 47°15.00' N. lat., 125°01.10' W. long.;
- (36) 47°08.77' N. lat., 125°00.91' W. long.;
- (37) 47°05.80' N. lat., 125°01.00' W. long.;
- (38) 47°03.34' N. lat., 124°57.50' W. long.;
- (39) 47°01.00' N. lat., 125°00.00' W. long.;

- (40) 46°55.00' N. lat., 125°02.00' W. long.;
- (41) 46°53.32' N. lat., 125°00.00' W. long.;
- (42) 46°51.55' N. lat., 125°00.00' W. long.;
- (43) 46°50.80' N. lat., 124°56.90' W. long.;
- (44) 46°47.00' N. lat., 124°55.00' W. long.;
- (45) 46°38.17' N. lat., 124°43.45' W. long.;
- (46) 46°34.00' N. lat., 124°38.00' W. long.;
- (47) 46°30.50' N. lat., 124°41.00' W. long.;
- (48) 46°33.00' N. lat., 124°32.00' W. long.;
- (49) 46°29.00' N. lat., 124°32.00' W. long.;
- (50) 46°20.00' N. lat., 124°39.00' W. long.;
- (51) 46°18.16' N. lat., 124°40.00' W. long.;
- (52) 46°16.00' N. lat., 124°27.00' W. long.;
- (53) 46°16.00' N. lat., 124°27.01' W. long.;
- (54) 46°15.00' N. lat., 124°30.96' W. long.;
- (55) 46°13.17' N. lat., 124°37.87' W. long.;
- (56) 46°13.17' N. lat., 124°38.75' W. long.;
- (57) 46°10.50' N. lat., 124°42.00' W. long.;
- (58) 46°06.21' N. lat., 124°41.85' W. long.;
- (59) 46°03.02' N. lat., 124°50.27' W. long.;
- (60) 45°57.00' N. lat., 124°45.52' W. long.;
- (61) 45°46.85' N. lat., 124°45.91' W. long.;
- (62) 45°46.00' N. lat., 124°46.84' W. long.;
- (63) 45°45.81' N. lat., 124°47.05' W. long.;
- (64) 45°44.87' N. lat., 124°45.98' W. long.;
- (65) 45°43.44' N. lat., 124°46.03' W. long.;
- (66) 45°35.82' N. lat., 124°45.72' W. long.;
- (67) 45°35.70' N. lat., 124°42.89' W. long.;
- (68) 45°24.45' N. lat., 124°38.21' W. long.;
- (69) 45°11.68' N. lat., 124°39.38' W. long.;
- (70) 45°03.83' N. lat., 124°38.03' W. long.;

- (71) 44°57.94' N. lat., 124°37.02' W. long.;
- (72) 44°44.28' N. lat., 124°50.79' W. long.;
- (73) 44°32.63' N. lat., 124°54.21' W. long.;
- (74) 44°23.36' N. lat., 124°50.53' W. long.;
- (75) 44°13.30' N. lat., 124°59.03' W. long.;
- (76) 43°57.85' N. lat., 124°58.57' W. long.;
- (77) 43°50.12' N. lat., 124°53.36' W. long.;
- (78) 43°49.53' N. lat., 124°43.96' W. long.;
- (79) 43°42.76' N. lat., 124°41.40' W. long.;
- (80) 43°24.00' N. lat., 124°42.61' W. long.;
- (81) 43°20.83' N. lat., 124°44.48' W. long.;
- (82) 43°19.74' N. lat., 124°45.12' W. long.;
- (83) 43°19.62' N. lat., 124°52.95' W. long.;
- (84) 43°17.41' N. lat., 124°53.02' W. long.;
- (85) 42°56.41' N. lat., 124°54.59' W. long.;
- (86) 42°53.82' N. lat., 124°55.76' W. long.;
- (87) 42°53.54' N. lat., 124°54.88' W. long.;
- (88) 42°50.00' N. lat., 124°55.12' W. long.;
- (89) 42°49.26' N. lat., 124°55.17' W. long.;
- (90) 42°46.74' N. lat., 124°53.39' W. long.;
- (91) 42°43.76' N. lat., 124°51.64' W. long.;
- (92) 42°45.41' N. lat., 124°49.35' W. long.;
- (93) 42°43.92' N. lat., 124°45.92' W. long.;
- (94) 42°40.50' N. lat., 124°44.30' W. long.;
- (95) 42°38.84' N. lat., 124°43.51' W. long.;
- (96) 42°34.78' N. lat., 124°46.56' W. long.;
- (97) 42°31.47' N. lat., 124°46.89' W. long.;
- (98) 42°31.59' N. lat., 124°44.85' W. long.;
- (99) 42°31.12' N. lat., 124°44.82' W. long.;
- (100) 42°28.48' N. lat., 124°49.96' W. long.;
- (101) 42°26.28' N. lat., 124°47.99' W. long.;

- (102) 42°19.58' N. lat., 124°43.21' W. long.;
- (103) 42°13.75' N. lat., 124°40.06' W. long.;
- (104) 42°05.12' N. lat., 124°39.06' W. long.;
- (105) 42°00.00' N. lat., 124°37.76' W. long.;
- (106) 41°47.93' N. lat., 124°31.79' W. long.;
- (107) 41°21.35' N. lat., 124°30.35' W. long.;
- (108) 41°07.11' N. lat., 124°25.25' W. long.;
- (109) 40°57.37' N. lat., 124°30.25' W. long.;
- (110) 40°48.77' N. lat., 124°30.69' W. long.;
- (111) 40°41.03' N. lat., 124°33.21' W. long.;
- (112) 40°37.40' N. lat., 124°38.96' W. long.;
- (113) 40°33.70' N. lat., 124°42.50' W. long.;
- (114) 40°31.31' N. lat., 124°41.59' W. long.;
- (115) 40°30.00' N. lat., 124°40.50' W. long.;
- (116) 40°25.00' N. lat., 124°36.65' W. long.;
- (117) 40°22.42' N. lat., 124°32.19' W. long.;
- (118) 40°17.17' N. lat., 124°32.21' W. long.;
- (119) 40°18.68' N. lat., 124°50.44' W. long.;
- (120) 40°13.55' N. lat., 124°34.26' W. long.;
- (121) 40°10.00' N. lat., 124°28.25' W. long.;
- (122) 40°06.72' N. lat., 124°21.40' W. long.;
- (123) 40°01.63' N. lat., 124°17.25' W. long.;
- (124) 40°00.68' N. lat., 124°11.19' W. long.;
- (125) 39°59.09' N. lat., 124°14.92' W. long.;
- (126) 39°56.44' N. lat., 124°12.52' W. long.;
- (127) 39°54.98' N. lat., 124°08.71' W. long.;
- (128) 39°52.60' N. lat., 124°10.01' W. long.;
- (129) 39°37.37' N. lat., 124°00.58' W. long.;
- (130) 39°32.41' N. lat., 124°00.01' W. long.;
- (131) 39°05.40' N. lat., 124°00.52' W. long.;
- (132) 39°04.32' N. lat., 123°59.00' W. long.;

- (133) 38°58.02' N. lat., 123°58.18' W. long.;
- (134) 38°57.50' N. lat., 124°01.90' W. long.;
- (135) 38°50.27' N. lat., 123°56.26' W. long.;
- (136) 38°46.73' N. lat., 123°51.93' W. long.;
- (137) 38°44.64' N. lat., 123°51.77' W. long.;
- (138) 38°32.97' N. lat., 123°41.84' W. long.;
- (139) 38°14.56' N. lat., 123°32.18' W. long.;
- (140) 38°13.85' N. lat., 123°29.94' W. long.;
- (141) 38°11.88' N. lat., 123°30.57' W. long.;
- (142) 38°08.72' N. lat., 123°29.56' W. long.;
- (143) 38°05.62' N. lat., 123°32.38' W. long.;
- (144) 38°01.90' N. lat., 123°32.00' W. long.;
- (145) 38°00.00' N. lat., 123°30.00' W. long.;
- (146) 37°58.07' N. lat., 123°27.35' W. long.;
- (147) 37°54.97' N. lat., 123°27.69' W. long.;
- (148) 37°51.32' N. lat., 123°25.40' W. long.;
- (149) 37°43.82' N. lat., 123°11.69' W. long.;
- (150) 37°35.67' N. lat., 123°02.62' W. long.;
- (151) 37°11.00' N. lat., 122°54.50' W. long.;
- (152) 37°07.00' N. lat., 122°48.59' W. long.;
- (153) 36°59.99' N. lat., 122°38.49' W. long.;
- (154) 36°56.64' N. lat., 122°28.78' W. long.;
- (155) 36°58.93' N. lat., 122°25.67' W. long.;
- (156) 36°56.19' N. lat., 122°25.67' W. long.;
- (157) 36°57.09' N. lat., 122°22.85' W. long.;
- (158) 36°54.95' N. lat., 122°22.63' W. long.;
- (159) 36°52.25' N. lat., 122°13.94' W. long.;
- (160) 36°46.94' N. lat., 122°07.90' W. long.;
- (161) 36°46.86' N. lat., 122°02.24' W. long.;
- (162) 36°43.73' N. lat., 121°59.33' W. long.;
- (163) 36°38.93' N. lat., 122°02.46' W. long.;

- (164) 36°30.77' N. lat., 122°01.40' W. long.;
- (165) 36°23.78' N. lat., 122°00.52' W. long.;
- (166) 36°19.98' N. lat., 122°07.63' W. long.;
- (167) 36°15.36' N. lat., 122°03.50' W. long.;
- (168) 36°09.47' N. lat., 121°45.37' W. long.;
- (169) 36°06.42' N. lat., 121°41.34' W. long.;
- (170) 36°00.00' N. lat., 121°37.68' W. long.;
- (171) 35°52.25' N. lat., 121°33.21' W. long.;
- (172) 35°51.09' N. lat., 121°31.83' W. long.;
- (173) 35°46.47' N. lat., 121°31.19' W. long.;
- (174) 35°33.97' N. lat., 121°21.69' W. long.;
- (175) 35°30.94' N. lat., 121°18.36' W. long.;
- (176) 35°23.08' N. lat., 121°15.56' W. long.;
- (177) 35°13.67' N. lat., 121°05.79' W. long.;
- (178) 35°06.77' N. lat., 121°02.45' W. long.;
- (179) 34°53.32' N. lat., 121°01.46' W. long.;
- (180) 34°49.36' N. lat., 121°03.04' W. long.;
- (181) 34°44.12' N. lat., 121°01.28' W. long.;
- (182) 34°32.38' N. lat., 120°51.78' W. long.;
- (183) 34°27.00' N. lat., 120°44.25' W. long.;
- (184) 34°17.93' N. lat., 120°35.43' W. long.;
- (185) 34°16.02' N. lat., 120°28.70' W. long.;
- (186) 34°09.84' N. lat., 120°38.85' W. long.;
- (187) 34°03.22' N. lat., 120°36.12' W. long.;
- (188) 33°55.98' N. lat., 120°28.81' W. long.;
- (189) 33°49.88' N. lat., 120°10.07' W. long.;
- (190) 33°37.75' N. lat., 120°00.35' W. long.;
- (191) 33°33.91' N. lat., 119°51.74' W. long.;
- (192) 33°35.07' N. lat., 119°48.14' W. long.;
- (193) 33°42.60' N. lat., 119°47.40' W. long.;
- (194) 33°53.25' N. lat., 119°52.58' W. long.;

- (195) 33°57.48' N. lat., 119°31.27' W. long.;
- (196) 33°55.47' N. lat., 119°24.96' W. long.;
- (197) 33°57.60' N. lat., 119°26.68' W. long.;
- (198) 33°58.68' N. lat., 119°20.13' W. long.;
- (199) 34°02.02' N. lat., 119°14.62' W. long.;
- (200) 33°58.73' N. lat., 119°03.21' W. long.;
- (201) 33°57.33' N. lat., 118°43.08' W. long.;
- (202) 33°50.71' N. lat., 118°38.33' W. long.;
- (203) 33°39.27' N. lat., 118°18.76' W. long.;
- (204) 33°35.16' N. lat., 118°18.33' W. long.;
- (205) 33°28.82' N. lat., 118°08.73' W. long.;
- (206) 33°31.44' N. lat., 117°51.34' W. long.;
- (207) 32°58.76' N. lat., 117°20.85' W. long.; and
- (208) 32°35.61' N. lat., 117°30.15' W. long.

(n) The 250-fm (457-m) depth contour used around San Clemente Island is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°06.10' N. lat., 118°39.07' W. long.;
- (2) 33°05.31' N. lat., 118°40.88' W. long.;
- (3) 33°03.03' N. lat., 118°41.72' W. long.;
- (4) 32°46.62' N. lat., 118°32.23' W. long.;
- (5) 32°40.81' N. lat., 118°23.85' W. long.;
- (6) 32°47.55' N. lat., 118°17.59' W. long.;
- (7) 32°57.35' N. lat., 118°28.83' W. long.;
- (8) 33°02.79' N. lat., 118°32.85' W. long.; and
- (9) 33°06.10' N. lat., 118°39.07' W. long.

(o) The 250-fm (457-m) depth contour used around Santa Catalina Island is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°13.37' N. lat., 118°08.39' W. long.;
- (2) 33°20.86' N. lat., 118°14.39' W. long.;
- (3) 33°26.49' N. lat., 118°21.17' W. long.;
- (4) 33°28.14' N. lat., 118°26.68' W. long.;
- (5) 33°30.36' N. lat., 118°30.55' W. long.;

- (6) 33°31.65' N. lat., 118°35.33' W. long.;
- (7) 33°32.89' N. lat., 118°42.97' W. long.;
- (8) 33°32.64' N. lat., 118°49.44' W. long.;
- (9) 33°38.02' N. lat., 118°57.35' W. long.;
- (10) 33°37.08' N. lat., 118°57.93' W. long.;
- (11) 33°30.76' N. lat., 118°49.96' W. long.;
- (12) 33°23.24' N. lat., 118°32.88' W. long.;
- (13) 33°20.91' N. lat., 118°34.67' W. long.;
- (14) 33°17.04' N. lat., 118°28.21' W. long.; and
- (15) 33°13.37' N. lat., 118°08.39' W. long.

(p) The 250-fm (457-m) depth contour used around Lasuen Knoll is defined by straight lines connecting all of the following points in the order stated:

- (1) 33°26.76' N. lat., 118°00.77' W. long.;
- (2) 33°25.30' N. lat., 117°57.88' W. long.;
- (3) 33°23.83' N. lat., 117°56.19' W. long.;
- (4) 33°22.24' N. lat., 117°57.20' W. long.;
- (5) 33°22.78' N. lat., 117°59.68' W. long.;
- (6) 33°23.79' N. lat., 118°01.32' W. long.;
- (7) 33°25.79' N. lat., 118°02.25' W. long.; and
- (8) 33°26.76' N. lat., 118°00.77' W. long.

(q) The 250-fm (457-m) depth contour used around San Diego Rise is defined by straight lines connecting all of the following points in the order stated:

- (1) 32°51.58' N. lat., 117°51.00' W. long.;
- (2) 32°44.69' N. lat., 117°44.55' W. long.;
- (3) 32°37.05' N. lat., 117°42.02' W. long.;
- (4) 32°37.14' N. lat., 117°44.94' W. long.;
- (5) 32°47.03' N. lat., 117°50.97' W. long.;
- (6) 32°51.50' N. lat., 117°51.47' W. long.; and
- (7) 32°51.58' N. lat., 117°51.00' W. long.

(r) The 250-fm (457-m) depth contour used between the U.S. border with Canada and the U.S. border with Mexico, modified to allow fishing in petrale sole areas, is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°14.71' N. lat., 125°41.95' W. long.;



- (2) 48°13.00' N. lat., 125°39.00' W. long.;
- (3) 48°10.00' N. lat., 125°43.00' W. long.;
- (4) 48°08.50' N. lat., 125°45.00' W. long.;
- (5) 48°06.00' N. lat., 125°46.50' W. long.;
- (6) 48°03.50' N. lat., 125°37.00' W. long.;
- (7) 48°01.50' N. lat., 125°40.00' W. long.;
- (8) 47°57.00' N. lat., 125°37.00' W. long.;
- (9) 47°55.50' N. lat., 125°28.50' W. long.;
- (10) 47°58.00' N. lat., 125°25.00' W. long.;
- (11) 48°00.50' N. lat., 125°24.50' W. long.;
- (12) 48°03.50' N. lat., 125°21.00' W. long.;
- (13) 48°02.00' N. lat., 125°19.50' W. long.;
- (14) 48°00.00' N. lat., 125°21.00' W. long.;
- (15) 47°58.00' N. lat., 125°20.00' W. long.;
- (16) 47°58.00' N. lat., 125°18.00' W. long.;
- (17) 47°52.00' N. lat., 125°16.50' W. long.;
- (18) 47°46.00' N. lat., 125°06.00' W. long.;
- (19) 47°44.50' N. lat., 125°07.50' W. long.;
- (20) 47°42.00' N. lat., 125°06.00' W. long.;
- (21) 47°37.96' N. lat., 125°07.17' W. long.;
- (22) 47°28.00' N. lat., 124°58.50' W. long.;
- (23) 47°28.88' N. lat., 124°54.70' W. long.;
- (24) 47°27.70' N. lat., 124°51.87' W. long.;
- (25) 47°24.84' N. lat., 124°48.45' W. long.;
- (26) 47°21.76' N. lat., 124°47.42' W. long.;
- (27) 47°18.84' N. lat., 124°46.75' W. long.;
- (28) 47°19.82' N. lat., 124°51.43' W. long.;
- (29) 47°18.13' N. lat., 124°54.25' W. long.;
- (30) 47°13.50' N. lat., 124°54.70' W. long.;
- (31) 47°15.00' N. lat., 125°01.10' W. long.;
- (32) 47°08.77' N. lat., 125°00.91' W. long.;

- (33) 47°05.80' N. lat., 125°01.00' W. long.;
- (34) 47°03.34' N. lat., 124°57.49' W. long.;
- (35) 47°01.00' N. lat., 125°00.00' W. long.;
- (36) 46°55.00' N. lat., 125°02.00' W. long.;
- (37) 46°53.32' N. lat., 125°00.00' W. long.;
- (38) 46°51.55' N. lat., 125°00.00' W. long.;
- (39) 46°50.80' N. lat., 124°56.90' W. long.;
- (40) 46°47.00' N. lat., 124°55.00' W. long.;
- (41) 46°38.17' N. lat., 124°43.45' W. long.;
- (42) 46°34.00' N. lat., 124°38.00' W. long.;
- (43) 46°30.50' N. lat., 124°41.00' W. long.;
- (44) 46°33.00' N. lat., 124°32.00' W. long.;
- (45) 46°29.00' N. lat., 124°32.00' W. long.;
- (46) 46°20.00' N. lat., 124°39.00' W. long.;
- (47) 46°18.16' N. lat., 124°40.00' W. long.;
- (48) 46°16.00' N. lat., 124°27.00' W. long.;
- (49) 46°15.00' N. lat., 124°30.96' W. long.;
- (50) 46°13.17' N. lat., 124°38.76' W. long.;
- (51) 46°10.51' N. lat., 124°41.99' W. long.;
- (52) 46°06.24' N. lat., 124°41.81' W. long.;
- (53) 46°03.04' N. lat., 124°50.26' W. long.;
- (54) 45°56.99' N. lat., 124°45.45' W. long.;
- (55) 45°49.94' N. lat., 124°45.75' W. long.;
- (56) 45°49.94' N. lat., 124°42.33' W. long.;
- (57) 45°46.00' N. lat., 124°42.19' W. long.;
- (58) 45°45.73' N. lat., 124°42.18' W. long.;
- (59) 45°45.73' N. lat., 124°43.82' W. long.;
- (60) 45°41.94' N. lat., 124°43.61' W. long.;
- (61) 45°41.58' N. lat., 124°39.86' W. long.;
- (62) 45°38.45' N. lat., 124°39.94' W. long.;
- (63) 45°35.75' N. lat., 124°42.91' W. long.;

- (64) 45°24.49' N. lat., 124°38.20' W. long.;
- (65) 45°14.43' N. lat., 124°39.05' W. long.;
- (66) 45°14.30' N. lat., 124°34.19' W. long.;
- (67) 45°08.98' N. lat., 124°34.26' W. long.;
- (68) 45°09.02' N. lat., 124°38.81' W. long.;
- (69) 45°03.83' N. lat., 124°37.95' W. long.;
- (70) 44°57.98' N. lat., 124°36.98' W. long.;
- (71) 44°56.62' N. lat., 124°38.32' W. long.;
- (72) 44°50.82' N. lat., 124°35.52' W. long.;
- (73) 44°46.89' N. lat., 124°38.32' W. long.;
- (74) 44°50.78' N. lat., 124°44.24' W. long.;
- (75) 44°44.27' N. lat., 124°50.78' W. long.;
- (76) 44°32.63' N. lat., 124°54.24' W. long.;
- (77) 44°23.25' N. lat., 124°49.78' W. long.;
- (78) 44°13.16' N. lat., 124°58.81' W. long.;
- (79) 43°57.88' N. lat., 124°58.25' W. long.;
- (80) 43°56.89' N. lat., 124°57.33' W. long.;
- (81) 43°53.41' N. lat., 124°51.95' W. long.;
- (82) 43°51.56' N. lat., 124°47.38' W. long.;
- (83) 43°51.49' N. lat., 124°37.77' W. long.;
- (84) 43°48.02' N. lat., 124°43.31' W. long.;
- (85) 43°42.77' N. lat., 124°41.39' W. long.;
- (86) 43°24.09' N. lat., 124°42.57' W. long.;
- (87) 43°20.83' N. lat., 124°44.45' W. long.;
- (88) 43°19.73' N. lat., 124°45.09' W. long.;
- (89) 43°15.98' N. lat., 124°47.76' W. long.;
- (90) 43°04.14' N. lat., 124°52.55' W. long.;
- (91) 43°04.00' N. lat., 124°53.88' W. long.;
- (92) 42°54.69' N. lat., 124°54.54' W. long.;
- (93) 42°50.00' N. lat., 124°51.91' W. long.;
- (94) 42°45.46' N. lat., 124°49.37' W. long.;

- (95) 42°43.91' N. lat., 124°45.90' W. long.;
- (96) 42°40.50' N. lat., 124°44.19' W. long.;
- (97) 42°38.84' N. lat., 124°43.36' W. long.;
- (98) 42°34.82' N. lat., 124°46.56' W. long.;
- (99) 42°31.57' N. lat., 124°46.86' W. long.;
- (100) 42°30.98' N. lat., 124°44.27' W. long.;
- (101) 42°29.21' N. lat., 124°46.93' W. long.;
- (102) 42°28.52' N. lat., 124°49.40' W. long.;
- (103) 42°26.06' N. lat., 124°46.61' W. long.;
- (104) 42°21.82' N. lat., 124°43.76' W. long.;
- (105) 42°17.47' N. lat., 124°38.89' W. long.;
- (106) 42°13.67' N. lat., 124°37.51' W. long.;
- (107) 42°13.76' N. lat., 124°40.03' W. long.;
- (108) 42°05.12' N. lat., 124°39.06' W. long.;
- (109) 42°02.67' N. lat., 124°38.41' W. long.;
- (110) 42°02.67' N. lat., 124°35.95' W. long.;
- (111) 42°00.00' N. lat., 124°36.83' W. long.;
- (112) 41°47.79' N. lat., 124°29.48' W. long.;
- (113) 41°21.01' N. lat., 124°29.01' W. long.;
- (114) 41°13.50' N. lat., 124°24.40' W. long.;
- (115) 41°11.00' N. lat., 124°22.99' W. long.;
- (116) 41°06.69' N. lat., 124°23.30' W. long.;
- (117) 40°54.73' N. lat., 124°28.15' W. long.;
- (118) 40°53.95' N. lat., 124°26.04' W. long.;
- (119) 40°50.27' N. lat., 124°26.20' W. long.;
- (120) 40°44.49' N. lat., 124°30.81' W. long.;
- (121) 40°40.63' N. lat., 124°32.14' W. long.;
- (122) 40°38.96' N. lat., 124°30.04' W. long.;
- (123) 40°35.67' N. lat., 124°30.43' W. long.;
- (124) 40°37.41' N. lat., 124°37.06' W. long.;
- (125) 40°36.09' N. lat., 124°40.11' W. long.;

- (126) 40°31.35' N. lat., 124°40.98' W. long.;
- (127) 40°30.00' N. lat., 124°37.48' W. long.;
- (128) 40°27.34' N. lat., 124°37.28' W. long.;
- (129) 40°25.01' N. lat., 124°36.36' W. long.;
- (130) 40°22.28' N. lat., 124°31.83' W. long.;
- (131) 40°13.68' N. lat., 124°33.10' W. long.;
- (132) 40°10.00' N. lat., 124°24.55' W. long.;
- (133) 40°06.45' N. lat., 124°19.24' W. long.;
- (134) 40°07.08' N. lat., 124°17.80' W. long.;
- (135) 40°05.55' N. lat., 124°18.11' W. long.;
- (136) 40°04.74' N. lat., 124°18.11' W. long.;
- (137) 40°02.35' N. lat., 124°16.53' W. long.;
- (138) 40°01.13' N. lat., 124°12.98' W. long.;
- (139) 40°01.52' N. lat., 124°09.83' W. long.;
- (140) 39°58.54' N. lat., 124°12.43' W. long.;
- (141) 39°55.72' N. lat., 124°07.44' W. long.;
- (142) 39°42.64' N. lat., 124°02.52' W. long.;
- (143) 39°35.96' N. lat., 123°59.47' W. long.;
- (144) 39°34.61' N. lat., 123°59.58' W. long.;
- (145) 39°33.79' N. lat., 123°56.77' W. long.;
- (146) 39°33.03' N. lat., 123°57.06' W. long.;
- (147) 39°32.21' N. lat., 123°59.12' W. long.;
- (148) 39°07.81' N. lat., 123°59.06' W. long.;
- (149) 38°57.50' N. lat., 123°57.25' W. long.;
- (150) 38°52.26' N. lat., 123°56.18' W. long.;
- (151) 38°50.21' N. lat., 123°55.48' W. long.;
- (152) 38°46.81' N. lat., 123°51.49' W. long.;
- (153) 38°45.29' N. lat., 123°51.55' W. long.;
- (154) 38°42.76' N. lat., 123°49.73' W. long.;
- (155) 38°41.26' N. lat., 123°47.28' W. long.;
- (156) 38°35.75' N. lat., 123°43.76' W. long.;

- (157) 38°34.93' N. lat., 123°42.46' W. long.;
- (158) 38°19.95' N. lat., 123°32.90' W. long.;
- (159) 38°14.38' N. lat., 123°25.51' W. long.;
- (160) 38°09.39' N. lat., 123°24.39' W. long.;
- (161) 38°10.18' N. lat., 123°27.11' W. long.;
- (162) 38°04.64' N. lat., 123°31.97' W. long.;
- (163) 38°02.06' N. lat., 123°31.26' W. long.;
- (164) 38°00.00' N. lat., 123°29.64' W. long.;
- (165) 37°58.19' N. lat., 123°27.40' W. long.;
- (166) 37°50.62' N. lat., 123°24.51' W. long.;
- (167) 37°43.82' N. lat., 123°11.69' W. long.;
- (168) 37°35.67' N. lat., 123°02.62' W. long.;
- (169) 37°23.53' N. lat., 122°58.65' W. long.;
- (170) 37°23.23' N. lat., 122°53.78' W. long.;
- (171) 37°13.97' N. lat., 122°49.91' W. long.;
- (172) 37°11.00' N. lat., 122°45.61' W. long.;
- (173) 37°07.00' N. lat., 122°44.76' W. long.;
- (174) 36°59.99' N. lat., 122°38.49' W. long.;
- (175) 36°56.64' N. lat., 122°28.78' W. long.;
- (176) 36°58.93' N. lat., 122°25.67' W. long.;
- (177) 36°56.19' N. lat., 122°25.67' W. long.;
- (178) 36°57.09' N. lat., 122°22.85' W. long.;
- (179) 36°54.95' N. lat., 122°22.63' W. long.;
- (180) 36°52.25' N. lat., 122°13.94' W. long.;
- (181) 36°46.94' N. lat., 122°07.90' W. long.;
- (182) 36°47.12' N. lat., 122°03.99' W. long.;
- (183) 36°23.87' N. lat., 122°00.00' W. long.;
- (184) 36°22.17' N. lat., 122°01.19' W. long.;
- (185) 36°19.61' N. lat., 122°06.29' W. long.;
- (186) 36°14.73' N. lat., 122°01.55' W. long.;
- (187) 36°09.47' N. lat., 121°45.37' W. long.;

- (188) 36°06.42' N. lat., 121°41.34' W. long.;
- (189) 36°00.07' N. lat., 121°37.68' W. long.;
- (190) 36°00.00' N. lat., 121°37.66' W. long.;
- (191) 35°52.25' N. lat., 121°33.21' W. long.;
- (192) 35°51.09' N. lat., 121°31.83' W. long.;
- (193) 35°46.47' N. lat., 121°31.19' W. long.;
- (194) 35°33.97' N. lat., 121°21.69' W. long.;
- (195) 35°30.94' N. lat., 121°18.36' W. long.;
- (196) 35°23.08' N. lat., 121°15.56' W. long.;
- (197) 35°13.67' N. lat., 121°05.79' W. long.;
- (198) 35°06.77' N. lat., 121°02.45' W. long.;
- (199) 35°07.46' N. lat., 120°57.10' W. long.;
- (200) 34°44.29' N. lat., 120°54.28' W. long.;
- (201) 34°44.24' N. lat., 120°57.62' W. long.;
- (202) 34°41.65' N. lat., 120°59.54' W. long.;
- (203) 34°27.00' N. lat., 120°44.25' W. long.;
- (204) 34°17.97' N. lat., 120°35.54' W. long.;
- (205) 34°16.02' N. lat., 120°28.70' W. long.;
- (206) 34°09.84' N. lat., 120°38.85' W. long.;
- (207) 34°02.21' N. lat., 120°36.23' W. long.;
- (208) 33°55.98' N. lat., 120°28.81' W. long.;
- (209) 33°49.88' N. lat., 120°10.07' W. long.;
- (210) 33°37.75' N. lat., 120°00.35' W. long.;
- (211) 33°33.91' N. lat., 119°51.74' W. long.;
- (212) 33°35.07' N. lat., 119°48.14' W. long.;
- (213) 33°42.60' N. lat., 119°47.40' W. long.;
- (214) 33°51.63' N. lat., 119°52.35' W. long.;
- (215) 33°51.62' N. lat., 119°47.94' W. long.;
- (216) 33°54.29' N. lat., 119°47.94' W. long.;
- (217) 33°57.52' N. lat., 119°30.94' W. long.;
- (218) 33°54.11' N. lat., 119°30.94' W. long.;

- (219) 33°54.11' N. lat., 119°25.94' W. long.;
- (220) 33°57.74' N. lat., 119°25.94' W. long.;
- (221) 33°58.68' N. lat., 119°20.13' W. long.;
- (222) 34°02.02' N. lat., 119°14.62' W. long.;
- (223) 33°58.73' N. lat., 119°03.21' W. long.;
- (224) 33°57.33' N. lat., 118°43.08' W. long.;
- (225) 33°50.71' N. lat., 118°38.33' W. long.;
- (226) 33°39.27' N. lat., 118°18.76' W. long.;
- (227) 33°35.16' N. lat., 118°18.33' W. long.;
- (228) 33°28.82' N. lat., 118°08.73' W. long.;
- (229) 33°31.44' N. lat., 117°51.34' W. long.;
- (230) 32°58.76' N. lat., 117°20.85' W. long.; and
- (231) 32°35.61' N. lat., 117°30.15' W. long.

[69 FR 77069, Dec. 23, 2004; 70 FR 13119, Mar. 18, 2005, as amended at 70 FR 16149, Mar. 30, 2005; 71 FR 78687, Dec. 29, 2006; 72 FR 13045, Mar. 20, 2007; 72 FR 53167, Sept. 18, 2007; 74 FR 9911, Mar. 6, 2009. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 27531, May 11, 2011; 76 FR 54714, Sept. 2, 2011; 78 FR 589, Jan. 3, 2013; 80 FR 12573, Mar. 10, 2015; 84 FR 63974, Nov. 19, 2019; 87 FR 77020, Dec. 16, 2022; 88 FR 12867, Mar. 1, 2023]

### § 660.75 Essential Fish Habitat (EFH).

Essential fish habitat (EFH) is defined as those waters and substrate necessary to fish for spawning, breeding, feeding or growth to maturity (16 U.S.C. 1802 (10)). EFH for Pacific Coast Groundfish includes all waters and substrate within areas with a depth less than or equal to 3,500 m (1,914 fm) shoreward to the mean higher high water level or the upriver extent of saltwater intrusion (defined as upstream and landward to where ocean-derived salts measure less than 0.5 parts per thousand during the period of average annual low flow). Seamounts in depths greater than 3,500 m (1,914 fm) are also included due to their ecological importance to groundfish. Geographically, EFH for Pacific Coast groundfish includes both a large band of marine waters that extends from the Northern edge of the EEZ at the U.S. border with Canada to the Southern edge of the EEZ at the U.S. border with Mexico, and inland within bays and estuaries. The seaward extent of EFH is consistent with the westward edge of the EEZ for areas approximately north of Cape Mendocino. Approximately south of Cape Mendocino, the 3500 m depth contour and EFH is substantially shoreward of the seaward boundary of the EEZ. There are also numerous discrete areas seaward of the main 3500 m depth contour where the ocean floor rises to depths less than 3500 m and therefore are also EFH. The seaward boundary of EFH and additional areas of EFH are defined by straight lines connecting a series of latitude and longitude coordinates in §§ 660.76 through 660.79.

- (a) The seaward boundary of EFH, with the exception of the areas in paragraphs (b) through (qq), is bounded by the EEZ combined with a straight line connecting all of the following points in the order stated:
  - (1) 40°18.17' N. lat., 128°46.72' W. long.;
  - (2) 40°17.33' N. lat., 125°58.62' W. long.;



- (3) 39°59.10' N. lat., 125°44.13' W. long.;
- (4) 39°44.99' N. lat., 125°41.63' W. long.;
- (5) 39°29.98' N. lat., 125°23.86' W. long.;
- (6) 39°08.46' N. lat., 125°38.17' W. long.;
- (7) 38°58.71' N. lat., 125°22.33' W. long.;
- (8) 38°33.22' N. lat., 125°16.82' W. long.;
- (9) 38°50.47' N. lat., 124°53.20' W. long.;
- (10) 38°51.66' N. lat., 124°35.15' W. long.;
- (11) 37°48.74' N. lat., 123°53.79' W. long.;
- (12) 37°45.53' N. lat., 124°03.18' W. long.;
- (13) 37°05.55' N. lat., 123°46.18' W. long.;
- (14) 36°41.37' N. lat., 123°25.16' W. long.;
- (15) 36°24.44' N. lat., 123°25.03' W. long.;
- (16) 36°10.47' N. lat., 123°31.11' W. long.;
- (17) 35°57.97' N. lat., 123°21.33' W. long.;
- (18) 36°05.20' N. lat., 123°15.17' W. long.;
- (19) 36°01.23' N. lat., 123°04.04' W. long.;
- (20) 35°29.75' N. lat., 123°02.44' W. long.;
- (21) 35°22.25' N. lat., 122°58.24' W. long.;
- (22) 35°21.91' N. lat., 122°34.83' W. long.;
- (23) 35°34.35' N. lat., 122°25.83' W. long.;
- (24) 34°57.35' N. lat., 122°07.03' W. long.;
- (25) 34°20.19' N. lat., 121°33.92' W. long.;
- (26) 33°55.10' N. lat., 121°43.15' W. long.;
- (27) 33°39.65' N. lat., 121°28.35' W. long.;
- (28) 33°40.68' N. lat., 121°23.06' W. long.;
- (29) 33°26.19' N. lat., 121°06.16' W. long.;
- (30) 33°03.77' N. lat., 121°34.33' W. long.;
- (31) 32°46.38' N. lat., 121°02.84' W. long.;
- (32) 33°05.45' N. lat., 120°40.71' W. long.;
- (33) 32°12.70' N. lat., 120°10.85' W. long.;

- (34) 32°11.36' N. lat., 120°03.19' W. long.;
- (35) 32°00.77' N. lat., 119°50.68' W. long.;
- (36) 31°52.47' N. lat., 119°48.11' W. long.;
- (37) 31°45.43' N. lat., 119°40.89' W. long.;
- (38) 31°41.96' N. lat., 119°28.57' W. long.;
- (39) 31°35.10' N. lat., 119°33.50' W. long.;
- (40) 31°24.37' N. lat., 119°29.61' W. long.;
- (41) 31°26.74' N. lat., 119°18.47' W. long.;
- (42) 31°03.75' N. lat., 118°59.58' W. long.

(b) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 31°11.94' N. lat., 121°57.84' W. long.;
- (2) 31°06.87' N. lat., 121°57.42' W. long.;
- (3) 31°06.29' N. lat., 122°09.22' W. long.;
- (4) 31°11.39' N. lat., 122°09.10' W. long.;

and connecting back to 31°11.94' N. lat., 121°57.84' W. long.

(c) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 31°11.21' N. lat., 122°10.24' W. long.;
- (2) 31°07.62' N. lat., 122°09.62' W. long.;
- (3) 31°07.40' N. lat., 122°19.34' W. long.;
- (4) 31°12.84' N. lat., 122°18.82' W. long.;

and connecting back to 31°11.21' N. lat., 122°10.24' W. long.

(d) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 31°06.87' N. lat., 119°28.05' W. long.;
- (2) 30°58.83' N. lat., 119°26.74' W. long.;
- (3) 30°55.41' N. lat., 119°45.63' W. long.;
- (4) 31°05.90' N. lat., 119°42.05' W. long.;

and connecting back to 31°06.87' N. lat., 119°28.05' W. long.

(e) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 31°02.05' N. lat., 119°08.97' W. long.;
- (2) 31°04.96' N. lat., 119°09.96' W. long.;
- (3) 31°06.24' N. lat., 119°07.45' W. long.;

(4) 31°02.63' N. lat., 119°05.77' W. long.;  
and connecting back to 31°02.05' N. lat., 119°08.97' W. long.

(f) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 31°23.41' N. lat., 122°23.99' W. long.;

(2) 31°25.98' N. lat., 122°23.67' W. long.;

(3) 31°25.52' N. lat., 122°21.95' W. long.;

(4) 31°23.51' N. lat., 122°21.98' W. long.;

and connecting back to 31°23.41' N. lat., 122°23.99' W. long.

(g) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 31°21.95' N. lat., 122°25.05' W. long.;

(2) 31°23.31' N. lat., 122°27.73' W. long.;

(3) 31°26.63' N. lat., 122°27.64' W. long.;

(4) 31°26.72' N. lat., 122°25.23' W. long.;

and connecting back to 31°21.95' N. lat., 122°25.05' W. long.

(h) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 31°21.36' N. lat., 119°47.67' W. long.;

(2) 31°29.17' N. lat., 119°48.51' W. long.;

(3) 31°29.48' N. lat., 119°43.20' W. long.;

(4) 31°21.92' N. lat., 119°40.68' W. long.;

and connecting back to 31°21.36' N. lat., 119°47.67' W. long.

(i) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 31°37.36' N. lat., 122°20.86' W. long.;

(2) 31°41.22' N. lat., 122°21.35' W. long.;

(3) 31°42.68' N. lat., 122°18.80' W. long.;

(4) 31°39.71' N. lat., 122°15.99' W. long.;

and connecting back to 31°37.36' N. lat., 122°20.86' W. long.

(j) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 31°45.92' N. lat., 121°40.55' W. long.;

(2) 31°48.79' N. lat., 121°40.52' W. long.;

(3) 31°48.61' N. lat., 121°37.65' W. long.;

(4) 31°45.93' N. lat., 121°38.00' W. long.;

and connecting back to 31°45.92' N. lat., 121°40.55' W. long.

(k) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 31°36.78' N. lat., 120°54.41' W. long.;
- (2) 31°44.65' N. lat., 120°58.01' W. long.;
- (3) 31°48.56' N. lat., 120°43.25' W. long.;
- (4) 31°41.76' N. lat., 120°41.50' W. long.;

and connecting back to 31°36.78' N. lat., 120°54.41' W. long.

(l) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 31°45.66' N. lat., 123°17.00' W. long.;
- (2) 31°49.43' N. lat., 123°19.89' W. long.;
- (3) 31°54.54' N. lat., 123°14.91' W. long.;
- (4) 31°50.88' N. lat., 123°13.17' W. long.;

and connecting back to 31°45.66' N. lat., 123°17.00' W. long.

(m) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 31°55.28' N. lat., 121°02.98' W. long.;
- (2) 31°58.25' N. lat., 121°05.08' W. long.;
- (3) 31°59.77' N. lat., 121°00.37' W. long.;
- (4) 31°57.88' N. lat., 120°57.23' W. long.;

and connecting back to 31°55.28' N. lat., 121°02.98' W. long.

(n) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 32°06.04' N. lat., 121°29.08' W. long.;
- (2) 31°59.52' N. lat., 121°23.10' W. long.;
- (3) 31°54.55' N. lat., 121°31.53' W. long.;
- (4) 32°01.66' N. lat., 121°38.38' W. long.;

and connecting back to 32°06.04' N. lat., 121°29.08' W. long.

(o) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 31°59.89' N. lat., 119°54.82' W. long.;
- (2) 31°59.69' N. lat., 120°03.96' W. long.;
- (3) 32°04.47' N. lat., 120°00.09' W. long.;

and connecting back to 31°59.89' N. lat., 119°54.82' W. long.

(p) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 31°59.49' N. lat., 121°18.59' W. long.;
- (2) 32°08.15' N. lat., 121°22.16' W. long.;
- (3) 32°12.16' N. lat., 121°14.64' W. long.;
- (4) 32°04.15' N. lat., 121°08.61' W. long.;

and connecting back to 31°59.49' N. lat., 121°18.59' W. long.

(q) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 32°07.77' N. lat., 121°46.26' W. long.;
- (2) 32°05.89' N. lat., 121°38.01' W. long.;
- (3) 31°59.35' N. lat., 121°52.10' W. long.;
- (4) 32°08.86' N. lat., 121°52.13' W. long.;
- (5) 32°19.76' N. lat., 121°43.70' W. long.;
- (6) 32°14.85' N. lat., 121°37.16' W. long.;

and connecting back to 32°07.77' N. lat., 121°46.26' W. long.

(r) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 32°17.08' N. lat., 121°11.84' W. long.;
- (2) 32°18.96' N. lat., 121°14.15' W. long.;
- (3) 32°23.03' N. lat., 121°10.52' W. long.;
- (4) 32°21.23' N. lat., 121°08.53' W. long.;

and connecting back to 32°17.08' N. lat., 121°11.84' W. long.

(s) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 32°27.64' N. lat., 121°27.83' W. long.;
- (2) 32°15.43' N. lat., 121°23.89' W. long.;
- (3) 32°16.18' N. lat., 121°30.67' W. long.;
- (4) 32°25.80' N. lat., 121°33.08' W. long.;

and connecting back to 32°27.64' N. lat., 121°27.83' W. long.

(t) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 32°28.05' N. lat., 122°03.54' W. long.;
- (2) 32°30.64' N. lat., 122°06.11' W. long.;
- (3) 32°35.90' N. lat., 121°59.61' W. long.;
- (4) 32°32.05' N. lat., 121°54.66' W. long.;

and connecting back to 32°28.05' N. lat., 122°03.54' W. long.

- (u) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:
- (1) 32°44.69' N. lat., 121°39.99' W. long.;
  - (2) 32°43.72' N. lat., 121°43.03' W. long.;
  - (3) 32°47.31' N. lat., 121°43.91' W. long.;
  - (4) 32°48.21' N. lat., 121°40.74' W. long.;
- and connecting back to 32°44.69' N. lat., 121°39.99' W. long.
- (v) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:
- (1) 32°48.07' N. lat., 121°15.86' W. long.;
  - (2) 32°36.99' N. lat., 121°20.21' W. long.;
  - (3) 32°25.33' N. lat., 121°38.31' W. long.;
  - (4) 32°34.03' N. lat., 121°44.05' W. long.;
  - (5) 32°43.19' N. lat., 121°41.58' W. long.;
- and connecting back to 32°48.07' N. lat., 121°15.86' W. long.
- (w) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:
- (1) 32°48.38' N. lat., 120°47.95' W. long.;
  - (2) 32°47.49' N. lat., 120°41.50' W. long.;
  - (3) 32°43.79' N. lat., 120°42.01' W. long.;
  - (4) 32°44.01' N. lat., 120°48.79' W. long.;
- and connecting back to 32°48.38' N. lat., 120°47.95' W. long.
- (x) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:
- (1) 33°08.71' N. lat., 121°41.24' W. long.;
  - (2) 33°00.10' N. lat., 121°37.67' W. long.;
  - (3) 33°01.01' N. lat., 121°45.93' W. long.;
  - (4) 33°07.71' N. lat., 121°46.31' W. long.;
- and connecting back to 33°08.71' N. lat., 121°41.24' W. long.
- (y) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:
- (1) 33°19.30' N. lat., 121°54.69' W. long.;
  - (2) 33°11.41' N. lat., 121°47.26' W. long.;
  - (3) 32°56.93' N. lat., 121°54.41' W. long.;
  - (4) 33°03.85' N. lat., 122°03.52' W. long.;
  - (5) 33°17.73' N. lat., 122°00.05' W. long.;

and connecting back to 33°19.30' N. lat., 121°54.69' W. long.

(z) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 33°23.67' N. lat., 123°04.28' W. long.;

(2) 33°22.88' N. lat., 123°04.93' W. long.;

(3) 33°23.66' N. lat., 123°05.77' W. long.;

(4) 33°24.30' N. lat., 123°04.90' W. long.;

and connecting back to 33°23.67' N. lat., 123°04.28' W. long.

(aa) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 33°26.06' N. lat., 121°44.42' W. long.;

(2) 33°32.00' N. lat., 121°41.61' W. long.;

(3) 33°28.80' N. lat., 121°26.92' W. long.;

(4) 33°23.50' N. lat., 121°26.92' W. long.;

and connecting back to 33°26.06' N. lat., 121°44.42' W. long.

(bb) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 33°38.22' N. lat., 123°56.91' W. long.;

(2) 33°39.58' N. lat., 123°58.56' W. long.;

(3) 33°41.37' N. lat., 123°57.22' W. long.;

(4) 33°40.08' N. lat., 123°55.14' W. long.;

and connecting back to 33°38.22' N. lat., 123°56.91' W. long.

(cc) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 33°46.86' N. lat., 121°58.49' W. long.;

(2) 33°41.28' N. lat., 121°52.80' W. long.;

(3) 33°36.95' N. lat., 121°54.42' W. long.;

(4) 33°42.05' N. lat., 122°07.48' W. long.;

(5) 33°47.07' N. lat., 122°05.71' W. long.;

and connecting back to 33°46.86' N. lat., 121°58.49' W. long.

(dd) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 34°17.70' N. lat., 124°11.04' W. long.;

(2) 34°19.41' N. lat., 124°14.12' W. long.;

(3) 34°21.61' N. lat., 124°12.89' W. long.;

(4) 34°20.35' N. lat., 124°09.11' W. long.;

and connecting back to 34°17.70' N. lat., 124°11.04' W. long.

(ee) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 34°13.39' N. lat., 124°03.18' W. long.;
- (2) 34°19.45' N. lat., 124°09.21' W. long.;
- (3) 34°23.12' N. lat., 124°05.49' W. long.;
- (4) 34°17.93' N. lat., 123°57.87' W. long.;

and connecting back to 34°13.39' N. lat., 124°03.18' W. long.

(ff) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 35°19.23' N. lat., 122°39.91' W. long.;
- (2) 35°08.76' N. lat., 122°23.83' W. long.;
- (3) 35°06.22' N. lat., 122°28.09' W. long.;
- (4) 35°15.81' N. lat., 122°45.90' W. long.;

and connecting back to 35°19.23' N. lat., 122°39.91' W. long.

(gg) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 35°25.81' N. lat., 123°24.05' W. long.;
- (2) 35°21.76' N. lat., 123°23.47' W. long.;
- (3) 35°21.05' N. lat., 123°27.22' W. long.;
- (4) 35°24.89' N. lat., 123°28.49' W. long.;

and connecting back to 35°25.81' N. lat., 123°24.05' W. long.

(hh) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 35°27.15' N. lat., 125°03.69' W. long.;
- (2) 35°28.68' N. lat., 125°04.86' W. long.;
- (3) 35°30.23' N. lat., 125°02.59' W. long.;
- (4) 35°28.85' N. lat., 125°01.48' W. long.;

and connecting back to 35°27.15' N. lat., 125°03.69' W. long.

(ii) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 35°31.14' N. lat., 123°52.80' W. long.;
- (2) 35°31.38' N. lat., 123°54.83' W. long.;
- (3) 35°32.98' N. lat., 123°53.80' W. long.;

and connecting back to 35°31.14' N. lat., 123°52.80' W. long.

(jj) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:



- (1) 35°24.08' N. lat., 123°40.83' W. long.;
- (2) 35°24.76' N. lat., 123°45.92' W. long.;
- (3) 35°33.04' N. lat., 123°44.92' W. long.;
- (4) 35°32.24' N. lat., 123°39.16' W. long.;

and connecting back to 35°24.08' N. lat., 123°40.83' W. long.

(kk) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 36°08.72' N. lat., 124°22.59' W. long.;
- (2) 36°07.91' N. lat., 124°22.48' W. long.;
- (3) 36°07.90' N. lat., 124°24.27' W. long.;
- (4) 36°08.75' N. lat., 124°24.10' W. long.;

and connecting back to 36°08.72' N. lat., 124°22.59' W. long.

(ll) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 36°07.33' N. lat., 124°18.83' W. long.;
- (2) 36°08.21' N. lat., 124°19.86' W. long.;
- (3) 36°09.64' N. lat., 124°18.70' W. long.;
- (4) 36°08.62' N. lat., 124°17.22' W. long.;

and connecting back to 36°07.33' N. lat., 124°18.83' W. long.

(mm) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 36°47.33' N. lat., 124°10.21' W. long.;
- (2) 36°50.85' N. lat., 124°11.63' W. long.;
- (3) 36°52.22' N. lat., 124°08.65' W. long.;
- (4) 36°49.93' N. lat., 124°06.40' W. long.;

and connecting back to 36°47.33' N. lat., 124°10.21' W. long.

(nn) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 36°56.03' N. lat., 123°40.86' W. long.;
- (2) 36°56.37' N. lat., 123°40.86' W. long.;
- (3) 36°56.42' N. lat., 123°40.49' W. long.;
- (4) 36°56.18' N. lat., 123°40.37' W. long.;

and connecting back to 36°56.03' N. lat., 123°40.86' W. long.

(oo) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

- (1) 36°32.58' N. lat., 125°01.80' W. long.;

(2) 36°50.38' N. lat., 125°44.21' W. long.;

(3) 37°00.91' N. lat., 125°40.06' W. long.;

(4) 36°41.26' N. lat., 124°55.90' W. long.;

and connecting back to 36°32.58' N. lat., 125°01.80' W. long.

(pp) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 37°45.73' N. lat., 124°11.40' W. long.;

(2) 37°47.91' N. lat., 124°14.01' W. long.;

(3) 37°50.99' N. lat., 124°09.09' W. long.;

(4) 37°47.97' N. lat., 124°07.00' W. long.;

and connecting back to 37°45.73' N. lat., 124°11.40' W. long.

(qq) This area of EFH is bounded by straight lines connecting all of the following points in the order stated:

(1) 38°08.53' N. lat., 124°29.98' W. long.;

(2) 38°10.65' N. lat., 124°32.69' W. long.;

(3) 38°12.81' N. lat., 124°29.45' W. long.;

(4) 38°10.86' N. lat., 124°26.66' W. long.;

and connecting back to 38°08.53' N. lat., 124°29.98' W. long.

[71 FR 27416, May 11, 2006. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 53836, Aug. 30, 2011]

## § 660.76 Coastwide EFHCAs.

(a) **General.** EFHCAs are defined at § 660.11. The boundaries of areas designated as EFHCAs are defined by straight lines connecting a series of latitude and longitude coordinates and other regulatory boundaries. This paragraph provides coordinates outlining the boundaries of the coastwide EFHCA. Coordinates outlining the boundaries of EFHCAs off the coasts of Washington, Oregon, and California are provided in §§ 660.77, 660.78, and 660.79, respectively. Fishing activity that is prohibited or permitted within a particular EFHCA is detailed at subparts C through G of this part.

(b) **Seaward of the 700-fm (1280-m) contour.** This area includes all waters designated as EFH within the West Coast EEZ west of a line approximating the 700-fm (1280-m) depth contour which is defined by straight lines connecting all of the following points in the order stated:

(1) 48°06.97' N lat., 126°02.96' W long.;

(2) 48°00.44' N lat., 125°54.96' W long.;

(3) 47°55.96' N lat., 125°46.51' W long.;

(4) 47°47.21' N lat., 125°43.73' W long.;

(5) 47°42.89' N lat., 125°49.58' W long.;

(6) 47°38.18' N lat., 125°37.26' W long.;

- (7) 47°32.36' N lat., 125°32.87' W long.;
- (8) 47°29.77' N lat., 125°26.27' W long.;
- (9) 47°28.54' N lat., 125°18.82' W long.;
- (10) 47°19.25' N lat., 125°17.18' W long.;
- (11) 47°08.82' N lat., 125°10.01' W long.;
- (12) 47°04.69' N lat., 125°03.77' W long.;
- (13) 46°48.38' N lat., 125°18.43' W long.;
- (14) 46°41.92' N lat., 125°17.29' W long.;
- (15) 46°27.49' N lat., 124°54.36' W long.;
- (16) 46°14.13' N lat., 125°02.72' W long.;
- (17) 46°09.53' N lat., 125°04.75' W long.;
- (18) 45°46.64' N lat., 124°54.44' W long.;
- (19) 45°40.86' N lat., 124°55.62' W long.;
- (20) 45°36.50' N lat., 124°51.91' W long.;
- (21) 44°55.69' N lat., 125°08.35' W long.;
- (22) 44°49.93' N lat., 125°01.51' W long.;
- (23) 44°46.93' N lat., 125°02.83' W long.;
- (24) 44°41.96' N lat., 125°10.64' W long.;
- (25) 44°28.31' N lat., 125°11.42' W long.;
- (26) 43°58.37' N lat., 125°02.93' W long.;
- (27) 43°52.74' N lat., 125°05.58' W long.;
- (28) 43°44.18' N lat., 124°57.17' W long.;
- (29) 43°37.58' N lat., 125°07.70' W long.;
- (30) 43°15.95' N lat., 125°07.84' W long.;
- (31) 42°47.50' N lat., 124°59.96' W long.;
- (32) 42°39.02' N lat., 125°01.07' W long.;
- (33) 42°34.80' N lat., 125°02.89' W long.;
- (34) 42°34.11' N lat., 124°55.62' W long.;
- (35) 42°23.81' N lat., 124°52.85' W long.;
- (36) 42°16.80' N lat., 125°00.20' W long.;
- (37) 42°06.60' N lat., 124°59.14' W long.;

- (38) 41°59.28' N lat., 125°06.23' W long.;
- (39) 41°31.10' N lat., 125°01.30' W long.;
- (40) 41°14.52' N lat., 124°52.67' W long.;
- (41) 40°40.65' N lat., 124°45.69' W long.;
- (42) 40°35.05' N lat., 124°45.65' W long.;
- (43) 40°23.81' N lat., 124°41.16' W long.;
- (44) 40°20.54' N lat., 124°36.36' W long.;
- (45) 40°20.84' N lat., 124°57.23' W long.;
- (46) 40°18.54' N lat., 125°09.47' W long.;
- (47) 40°14.54' N lat., 125°09.83' W long.;
- (48) 40°11.79' N lat., 125°07.39' W long.;
- (49) 40°06.72' N lat., 125°04.28' W long.;
- (50) 39°52.62' N lat., 124°40.65' W long.;
- (51) 39°52.29' N lat., 124°34.72' W long.;
- (52) 39°55.19' N lat., 124°29.32' W long.;
- (53) 39°54.43' N lat., 124°24.06' W long.;
- (54) 39°44.25' N lat., 124°12.60' W long.;
- (55) 39°35.82' N lat., 124°12.02' W long.;
- (56) 39°24.54' N lat., 124°16.01' W long.;
- (57) 39°01.97' N lat., 124°11.20' W long.;
- (58) 38°33.48' N lat., 123°48.21' W long.;
- (59) 38°14.49' N lat., 123°38.89' W long.;
- (60) 37°56.97' N lat., 123°31.65' W long.;
- (61) 37°49.09' N lat., 123°27.98' W long.;
- (62) 37°40.29' N lat., 123°12.83' W long.;
- (63) 37°22.54' N lat., 123°14.65' W long.;
- (64) 37°05.98' N lat., 123°05.31' W long.;
- (65) 36°59.02' N lat., 122°50.92' W long.;
- (66) 36°51.52' N lat., 122°22.03' W long.;
- (67) 36°49.09' N lat., 122°21.84' W long.;
- (68) 36°50.47' N lat., 122°19.03' W long.;

- (69) 36°50.14' N lat., 122°17.50' W long.;
- (70) 36°44.54' N lat., 122°19.42' W long.;
- (71) 36°40.76' N lat., 122°17.28' W long.;
- (72) 36°39.88' N lat., 122°09.69' W long.;
- (73) 36°40.02' N lat., 122°09.09' W long.;
- (74) 36°40.99' N lat., 122°08.53' W long.;
- (75) 36°41.17' N lat., 122°08.97' W long.;
- (76) 36°44.52' N lat., 122°07.13' W long.;
- (77) 36°42.26' N lat., 122°03.54' W long.;
- (78) 36°30.02' N lat., 122°09.85' W long.;
- (79) 36°22.33' N lat., 122°22.99' W long.;
- (80) 36°14.36' N lat., 122°21.19' W long.;
- (81) 36°09.50' N lat., 122°14.25' W long.;
- (82) 35°51.50' N lat., 121°55.92' W long.;
- (83) 35°49.53' N lat., 122°13.00' W long.;
- (84) 34°58.30' N lat., 121°36.76' W long.;
- (85) 34°53.13' N lat., 121°37.49' W long.;
- (86) 34°46.54' N lat., 121°46.25' W long.;
- (87) 34°37.81' N lat., 121°35.72' W long.;
- (88) 34°37.72' N lat., 121°27.35' W long.;
- (89) 34°26.77' N lat., 121°07.58' W long.;
- (90) 34°18.54' N lat., 121°05.01' W long.;
- (91) 34°02.68' N lat., 120°54.30' W long.;
- (92) 33°48.11' N lat., 120°25.46' W long.;
- (93) 33°42.54' N lat., 120°38.24' W long.;
- (94) 33°46.26' N lat., 120°43.64' W long.;
- (95) 33°40.71' N lat., 120°51.29' W long.;
- (96) 33°33.14' N lat., 120°40.25' W long.;
- (97) 32°51.57' N lat., 120°23.35' W long.;
- (98) 32°38.54' N lat., 120°09.54' W long.;
- (99) 32°35.76' N lat., 119°53.43' W long.;

- (100) 32°29.54' N lat., 119°46.00' W long.;
- (101) 32°25.99' N lat., 119°41.16' W long.;
- (102) 32°30.46' N lat., 119°33.15' W long.;
- (103) 32°23.47' N lat., 119°25.71' W long.;
- (104) 32°19.19' N lat., 119°13.96' W long.;
- (105) 32°13.18' N lat., 119°04.44' W long.;
- (106) 32°13.40' N lat., 118°51.87' W long.;
- (107) 32°19.62' N lat., 118°47.80' W long.;
- (108) 32°27.26' N lat., 118°50.29' W long.;
- (109) 32°28.42' N lat., 118°53.15' W long.;
- (110) 32°31.30' N lat., 118°55.09' W long.;
- (111) 32°33.04' N lat., 118°53.57' W long.;
- (112) 32°19.07' N lat., 118°27.54' W long.;
- (113) 32°18.57' N lat., 118°18.97' W long.;
- (114) 32°09.01' N lat., 118°13.96' W long.;
- (115) 32°06.57' N lat., 118°18.78' W long.;
- (116) 32°01.32' N lat., 118°18.21' W long.; and
- (117) 31°57.89' N lat., 118°10.51' W long.

[84 FR 63974, Nov. 19, 2019]

### § 660.77 EFHCAs off the Coast of Washington.

- (a) **General.** Boundary line coordinates for EFHCAs off Washington are provided in this section. Fishing activity that is prohibited or permitted within the EEZ in a particular area designated as a groundfish EFHCAs is detailed at §§ 660.12, 660.112, 660.130, 660.212, 660.230, 660.312, 660.330, and 660.360.
- (b) **Olympic 2.** The boundary of the Olympic 2 EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 48°21.46' N lat., 124°51.61' W long.:
  - (1) 48°21.46' N lat., 124°51.61' W long.;
  - (2) 48°17.00' N lat., 124°57.18' W long.;
  - (3) 48°06.13' N lat., 125°00.68' W long.;
  - (4) 48°06.66' N lat., 125°06.55' W long.;
  - (5) 48°08.44' N lat., 125°14.61' W long.;
  - (6) 48°22.57' N lat., 125°09.82' W long.;
  - (7) 48°21.42' N lat., 125°03.55' W long.;

- (8) 48°22.99' N lat., 124°59.29' W long.; and
- (9) 48°23.89' N lat., 124°54.37' W long.
- (c) **Biogenic 1.** The boundary of the Biogenic 1 EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 47°29.97' N lat., 125°20.14' W long.:
  - (1) 47°29.97' N lat., 125°20.14' W long.;
  - (2) 47°30.01' N lat., 125°30.06' W long.;
  - (3) 47°40.09' N lat., 125°50.18' W long.;
  - (4) 47°47.27' N lat., 125°50.06' W long.;
  - (5) 47°47.00' N lat., 125°24.28' W long.;
  - (6) 47°39.53' N lat., 125°10.49' W long.; and
  - (7) 47°30.31' N lat., 125°08.81' W long.
- (d) **Biogenic 2.** The boundary of the Biogenic 2 EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 47°08.77' N lat., 125°00.91' W long.:
  - (1) 47°08.77' N lat., 125°00.91' W long.;
  - (2) 47°08.82' N lat., 125°10.01' W long.;
  - (3) 47°20.01' N lat., 125°10.00' W long.; and
  - (4) 47°20.00' N lat., 125°01.25' W long.
- (e) **Quinault Canyon.** The boundary of the Quinault Canyon EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 47°17.00' N lat., 125°15.63' W long.:
  - (1) 47°17.00' N lat., 125°15.63' W long.;
  - (2) 47°17.00' N lat., 125°10.00' W long.; and
  - (3) 47°08.82' N lat., 125°10.01' W long.
- (f) **Grays Canyon.** The Grays Canyon EFHCA consists of two adjacent polygons defined in this paragraph, combined.
  - (1) **Grays Canyon North.** The boundary of Grays Canyon North is defined by straight lines connecting all of the following points in the order stated and connecting back to 46°56.79' N lat., 125°00.00' W long.:
    - (i) 46°56.79' N lat., 125°00.00' W long.;
    - (ii) 46°58.30' N lat., 125°00.21' W long.;
    - (iii) 46°58.47' N lat., 124°59.08' W long.;
    - (iv) 47°01.04' N lat., 124°59.54' W long.;
    - (v) 47°03.63' N lat., 124°56.00' W long.,
    - (vi) 47°03.69' N lat., 124°55.84' W long.;

- (vii) 47°02.69' N lat., 124°54.35' W long.;
- (viii) 46°58.03' N lat., 124°54.12' W long.;
- (ix) 46°55.91' N lat., 124°54.40' W long.; and
- (x) 46°58.01' N lat., 124°55.09' W long.

(2) **Grays Canyon South-Central.** The boundary of Grays Canyon South-Central is defined by straight lines connecting all of the following points in the order stated and connecting back to 46°56.79' N lat., 125°00.00' W long.:

- (i) 46°56.79' N lat., 125°00.00' W long.;
- (ii) 46°58.01' N lat., 124°55.09' W long.;
- (iii) 46°55.91' N lat., 124°54.40' W long.;
- (iv) 46°55.07' N lat., 124°54.14' W long.;
- (v) 46°59.60' N lat., 124°49.79' W long.;
- (vi) 46°58.72' N lat., 124°48.78' W long.;
- (vii) 46°54.45' N lat., 124°48.36' W long.;
- (viii) 46°53.99' N lat., 124°49.95' W long.;
- (ix) 46°54.38' N lat., 124°52.73' W long.;
- (x) 46°53.30' N lat., 124°52.35' W long.;
- (xi) 46°53.30' N lat., 124°49.13' W long.;
- (xii) 46°50.40' N lat., 124°49.06' W long.;
- (xiii) 46°48.12' N lat., 124°47.94' W long.;
- (xiv) 46°47.48' N lat., 124°50.86' W long.;
- (xv) 46°49.81' N lat., 124°52.79' W long.; and
- (xvi) 46°51.55' N lat., 125°00.00' W long.

(g) **Biogenic 3.** The boundary of the Biogenic 3 EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 46°48.16' N lat., 125°10.75' W long.:

- (1) 46°48.16' N lat., 125°10.75' W long.;
- (2) 46°40.00' N lat., 125°10.00' W long.;
- (3) 46°40.00' N lat., 125°20.01' W long.; and
- (4) 46°50.00' N lat., 125°20.00' W long.

(h) **Willapa Canyonhead.** The boundary of the Willapa Canyonhead EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 46°33.50' N lat., 124°28.77' W long.:

- (1) 46°33.50' N lat., 124°28.77' W long.;



- (2) 46°33.50' N lat., 124°29.50' W long.;
- (3) 46°33.85' N lat., 124°36.99' W long.;
- (4) 46°36.50' N lat., 124°38.00' W long.;
- (5) 46°37.50' N lat., 124°41.00' W long.;
- (6) 46°37.64' N lat., 124°41.11' W long.;
- (7) 46°39.43' N lat., 124°38.69' W long.; and
- (8) 46°34.50' N lat., 124°28.50' W long.

(i) **Willapa Deep.** The boundary of the Willapa Deep EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 46°22.57' N lat., 124°46.70' W long.:

- (1) 46°22.57' N lat., 124°46.70' W long.;
- (2) 46°24.38' N lat., 124°56.31' W long.;
- (3) 46°27.49' N lat., 124°54.36' W long.;
- (4) 46°36.87' N lat., 125°09.27' W long.;
- (5) 46°35.59' N lat., 125°04.58' W long.;
- (6) 46°31.54' N lat., 124°57.53' W long.;
- (7) 46°28.70' N lat., 124°51.77' W long.; and
- (8) 46°23.78' N lat., 124°43.30' W long.

[84 FR 63975, Nov. 19, 2019]

### § 660.78 EFHCAs off the Coast of Oregon.

- (a) **General.** Boundary line coordinates for EFHCAs off Oregon are provided in this section. Fishing activity that is prohibited or permitted within the EEZ in a particular area designated as a groundfish EFHCA is detailed at §§ 660.12, 660.112, 660.130, 660.212, 660.230, 660.312, 660.330, and 660.360.
- (b) **Astoria Deep.** The boundary of the Astoria Deep EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 46°03.00' N lat., 124°57.36' W long.:
  - (1) 46°03.00' N lat., 124°57.36' W long.;
  - (2) 46°05.37' N lat., 125°02.88' W long.;
  - (3) 46°09.53' N lat., 125°04.75' W long.;
  - (4) 46°14.13' N lat., 125°02.72' W long.;
  - (5) 46°14.79' N lat., 125°02.31' W long.;
  - (6) 46°08.28' N lat., 125°00.20' W long.; and
  - (7) 46°05.74' N lat., 124°55.32' W long.

(c) **Thompson Seamount.** The boundary of the Thompson Seamount EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 46°06.93' N lat., 128°39.77' W long.:

- (1) 46°06.93' N lat., 128°39.77' W long.;
- (2) 46°06.76' N lat., 128°39.60' W long.;
- (3) 46°07.80' N lat., 128°39.43' W long.;
- (4) 46°08.50' N lat., 128°34.39' W long.;
- (5) 46°06.76' N lat., 128°29.36' W long.;
- (6) 46°03.64' N lat., 128°28.67' W long.;
- (7) 45°59.64' N lat., 128°31.62' W long.;
- (8) 45°56.87' N lat., 128°33.18' W long.;
- (9) 45°53.92' N lat., 128°39.25' W long.;
- (10) 45°54.26' N lat., 128°43.42' W long.;
- (11) 45°56.87' N lat., 128°45.85' W long.;
- (12) 46°00.86' N lat., 128°46.02' W long.;
- (13) 46°03.29' N lat., 128°44.81' W long.; and
- (14) 46°06.24' N lat., 128°42.90' W long.

(d) **Astoria Canyon.** The boundary of the Astoria Canyon EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 46°06.48' N lat., 125°05.46' W long.:

- (1) 46°06.48' N lat., 125°05.46' W long.;
- (2) 46°03.00' N lat., 124°57.36' W long.;
- (3) 46°02.28' N lat., 124°57.66' W long.;
- (4) 46°01.92' N lat., 125°02.46' W long.;
- (5) 45°48.72' N lat., 124°56.58' W long.;
- (6) 45°47.70' N lat., 124°52.20' W long.;
- (7) 45°40.86' N lat., 124°55.62' W long.;
- (8) 45°29.82' N lat., 124°54.30' W long.;
- (9) 45°25.98' N lat., 124°56.82' W long.;
- (10) 45°26.04' N lat., 125°10.50' W long.;
- (11) 45°33.12' N lat., 125°16.26' W long.;
- (12) 45°40.32' N lat., 125°17.16' W long.; and
- (13) 46°03.00' N lat., 125°14.94' W long.

(e) **Nehalem Bank/Shale Pile.** The boundary of the Nehalem Bank/Shale Pile EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 45°51.53' N lat., 124°31.15' W long.:

- (1) 45°51.53' N lat., 124°31.15' W long.;
- (2) 45°47.95' N lat., 124°31.70' W long.;
- (3) 45°52.75' N lat., 124°39.20' W long.;
- (4) 45°58.02' N lat., 124°38.99' W long.;
- (5) 46°00.83' N lat., 124°36.78' W long.;
- (6) 45°59.94' N lat., 124°34.63' W long.;
- (7) 45°58.90' N lat., 124°33.47' W long.;
- (8) 45°54.27' N lat., 124°30.73' W long.;
- (9) 45°53.62' N lat., 124°30.83' W long.;
- (10) 45°52.90' N lat., 124°30.67' W long.;
- (11) 45°52.03' N lat., 124°30.60' W long.; and
- (12) 45°51.74' N lat., 124°30.85' W long.

(f) **Nehalem Bank East.** The boundary of the Nehalem Bank East EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 45°47.95' N lat., 124°31.70' W long.:

- (1) 45°47.95' N lat., 124°31.70' W long.;
- (2) 45°52.28' N lat., 124°38.46' W long.;
- (3) 45°56.45' N lat., 124°38.00' W long.;
- (4) 45°58.33' N lat., 124°38.75' W long.;
- (5) 46°00.83' N lat., 124°36.78' W long.;
- (6) 45°59.94' N lat., 124°34.63' W long.;
- (7) 45°58.90' N lat., 124°33.47' W long.;
- (8) 45°54.27' N lat., 124°30.73' W long.;
- (9) 45°53.62' N lat., 124°30.83' W long.;
- (10) 45°52.90' N lat., 124°30.67' W long.;
- (11) 45°52.03' N lat., 124°30.60' W long.;
- (12) 45°51.75' N lat., 124°30.85' W long.; and
- (13) 45°51.53' N lat., 124°31.15' W long.

- (g) **Garibaldi Reef North.** The boundary of the Garibaldi Reef North EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 45°40.81' N lat., 124°18.46' W long.:
- (1) 45°40.81' N lat., 124°18.46' W long.;
  - (2) 45°39.70' N lat., 124°19.46' W long.;
  - (3) 45°40.84' N lat., 124°22.17' W long.;
  - (4) 45°44.94' N lat., 124°23.07' W long.;
  - (5) 45°45.17' N lat., 124°22.19' W long.; and
  - (6) 45°43.49' N lat., 124°18.94' W long.
- (h) **Garibaldi Reef South.** The boundary of the Garibaldi Reef South EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 45°34.53' N lat., 124°15.47' W long.:
- (1) 45°34.53' N lat., 124°15.47' W long.;
  - (2) 45°33.46' N lat., 124°13.59' W long.;
  - (3) 45°32.53' N lat., 124°14.39' W long.; and
  - (4) 45°33.58' N lat., 124°16.54' W long.
- (i) **Siletz Deepwater.** The boundary of the Siletz Deepwater EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 44°42.72' N lat., 125°18.49' W long.:
- (1) 44°42.72' N lat., 125°18.49' W long.;
  - (2) 44°56.26' N lat., 125°12.61' W long.;
  - (3) 44°56.34' N lat., 125°09.13' W long.;
  - (4) 44°49.93' N lat., 125°01.51' W long.;
  - (5) 44°46.93' N lat., 125°02.83' W long.;
  - (6) 44°41.96' N lat., 125°10.64' W long.;
  - (7) 44°33.36' N lat., 125°08.82' W long.; and
  - (8) 44°33.38' N lat., 125°17.08' W long.
- (j) **Daisy Bank/Nelson Island.** The boundary of the Daisy Bank/Nelson Island EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 44°39.24' N lat., 124°38.65' W long.:
- (1) 44°39.24' N lat., 124°38.65' W long.;
  - (2) 44°37.17' N lat., 124°38.60' W long.;
  - (3) 44°35.55' N lat., 124°39.27' W long.;
  - (4) 44°37.57' N lat., 124°41.70' W long.;
  - (5) 44°36.90' N lat., 124°42.91' W long.;

- (6) 44°38.25' N lat., 124°46.28' W long.;
- (7) 44°38.52' N lat., 124°49.11' W long.;
- (8) 44°40.27' N lat., 124°49.11' W long.;
- (9) 44°41.35' N lat., 124°48.03' W long.; and
- (10) 44°43.92' N lat., 124°44.66' W long.

(k) **Newport Rockpile/Stonewall Bank.** The boundary of the Newport Rockpile/Stonewall Bank EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 44°27.42' N lat., 124°19.52' W long.:

- (1) 44°27.42' N lat., 124°19.52' W long.;
- (2) 44°27.42' N lat., 124°25.31' W long.;
- (3) 44°29.05' N lat., 124°28.88' W long.;
- (4) 44°35.33' N lat., 124°28.87' W long.;
- (5) 44°36.94' N lat., 124°26.78' W long.;
- (6) 44°38.62' N lat., 124°26.76' W long.;
- (7) 44°39.02' N lat., 124°25.56' W long.;
- (8) 44°38.41' N lat., 124°22.73' W long.;
- (9) 44°35.12' N lat., 124°21.79' W long.; and
- (10) 44°28.82' N lat., 124°18.80' W long.

(l) **Hydrate Ridge.** The boundary of the Hydrate Ridge EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 44°28.31' N lat., 125°11.42' W long.:

- (1) 44°28.31' N lat., 125°11.42' W long.;
- (2) 44°33.37' N lat., 125°11.13' W long.;
- (3) 44°33.36' N lat., 125°08.82' W long.;
- (4) 44°35.36' N lat., 125°09.24' W long.;
- (5) 44°35.36' N lat., 125°07.79' W long.; and
- (6) 44°28.31' N lat., 125°07.66' W long.

(m) **Heceta Bank.** The boundary of the Heceta Bank EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 44°22.27' N lat., 124°37.63' W long.:

- (1) 44°22.27' N lat., 124°37.63' W long.;
- (2) 44°20.56' N lat., 124°36.27' W long.;
- (3) 44°21.06' N lat., 124°32.69' W long.;
- (4) 44°21.76' N lat., 124°29.28' W long.;
- (5) 44°21.23' N lat., 124°28.08' W long.;

- (6) 44°18.68' N lat., 124°28.13' W long.;
- (7) 44°17.66' N lat., 124°31.42' W long.;
- (8) 44°14.32' N lat., 124°31.15' W long.;
- (9) 44°13.02' N lat., 124°31.53' W long.;
- (10) 44°12.97' N lat., 124°32.29' W long.;
- (11) 44°13.84' N lat., 124°32.87' W long.;
- (12) 44°16.64' N lat., 124°33.44' W long.;
- (13) 44°17.00' N lat., 124°33.52' W long.;
- (14) 44°15.93' N lat., 124°35.93' W long.;
- (15) 44°14.38' N lat., 124°37.37' W long.;
- (16) 44°13.52' N lat., 124°40.45' W long.;
- (17) 44°09.00' N lat., 124°45.30' W long.;
- (18) 44°03.46' N lat., 124°45.71' W long.;
- (19) 43°58.55' N lat., 124°45.79' W long.;
- (20) 43°57.37' N lat., 124°50.89' W long.;
- (21) 43°56.66' N lat., 124°54.47' W long.;
- (22) 43°57.24' N lat., 124°55.54' W long.;
- (23) 43°57.68' N lat., 124°55.48' W long.;
- (24) 44°00.14' N lat., 124°55.25' W long.;
- (25) 44°02.88' N lat., 124°53.96' W long.;
- (26) 44°13.47' N lat., 124°54.08' W long.;
- (27) 44°19.27' N lat., 124°41.03' W long.;
- (28) 44°24.16' N lat., 124°40.62' W long.; and
- (29) 44°24.10' N lat., 124°38.10' W long.

(n) **Deepwater off Coos Bay.** The boundary of the Deepwater off Coos Bay EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 43°29.32' N lat., 125°20.11' W long.:

- (1) 43°29.32' N lat., 125°20.11' W long.;
- (2) 43°38.96' N lat., 125°18.75' W long.;
- (3) 43°37.88' N lat., 125°08.26' W long.;
- (4) 43°36.58' N lat., 125°06.56' W long.;
- (5) 43°33.04' N lat., 125°08.41' W long.;

- (6) 43°27.74' N lat., 125°07.25' W long.;
- (7) 43°15.95' N lat., 125°07.84' W long.;
- (8) 43°15.38' N lat., 125°10.47' W long.; and
- (9) 43°25.73' N lat., 125°19.36' W long.

(o) **Arago Reef.** The boundary of the Arago Reef EFHCA is defined as the areas within the West Coast EEZ shoreward (east) of a boundary line defined by connecting the following coordinates in the order stated:

- (1) 43°08.49' N lat., 124°30.78' W long.;
- (2) 43°08.55' N lat., 124°30.79' W long.;
- (3) 43°10.22' N lat., 124°37.82' W long.;
- (4) 43°16.91' N lat., 124°37.50' W long.;
- (5) 43°16.51' N lat., 124°28.97' W long.; and
- (6) 43°16.88' N lat., 124°28.16' W long.

(p) **Arago Reef West.** The boundary of the Arago Reef West EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 43°16.24' N lat., 124°27.66' W long.:

- (1) 43°16.24' N lat., 124°27.66' W long.;
- (2) 43°14.23' N lat., 124°29.28' W long.;
- (3) 43°14.03' N lat., 124°28.31' W long.;
- (4) 43°11.92' N lat., 124°28.26' W long.;
- (5) 43°11.02' N lat., 124°29.11' W long.;
- (6) 43°10.13' N lat., 124°29.15' W long.;
- (7) 43°09.26' N lat., 124°31.03' W long.;
- (8) 43°08.60' N lat., 124°30.98' W long.;
- (9) 43°10.22' N lat., 124°37.82' W long.;
- (10) 43°16.91' N lat., 124°37.50' W long.;
- (11) 43°16.51' N lat., 124°28.97' W long.;
- (12) 43°16.88' N lat., 124°28.16' W long.; and
- (13) 43°16.24' N lat., 124°27.66' W long.

(q) **Bandon High Spot.** The boundary of the Bandon High Spot EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 42°57.18' N lat., 124°46.01' W long.:

- (1) 42°57.18' N lat., 124°46.01' W long.;
- (2) 42°56.10' N lat., 124°47.48' W long.;
- (3) 42°56.66' N lat., 124°48.79' W long.;

- (4) 42°53.67' N lat., 124°51.81' W long.;
- (5) 42°54.00' N lat., 124°53.03' W long.;
- (6) 42°55.11' N lat., 124°53.71' W long.;
- (7) 42°58.00' N lat., 124°52.99' W long.;
- (8) 43°00.39' N lat., 124°51.77' W long.;
- (9) 43°02.64' N lat., 124°52.01' W long.;
- (10) 43°06.07' N lat., 124°50.97' W long.;
- (11) 43°06.07' N lat., 124°50.23' W long.;
- (12) 43°04.47' N lat., 124°48.50' W long.;
- (13) 43°03.20' N lat., 124°47.52' W long.; and
- (14) 43°00.94' N lat., 124°46.57' W long.

(r) **Bandon High Spot East.** The boundary of the Bandon High Spot East EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 42°57.18' N lat., 124°46.01' W long.:

- (1) 42°57.18' N lat., 124°46.01' W long.;
- (2) 42°56.10' N lat., 124°47.48' W long.;
- (3) 42°56.66' N lat., 124°48.79' W long.;
- (4) 42°55.02' N lat., 124°50.45' W long.;
- (5) 42°55.70' N lat., 124°52.79' W long.;
- (6) 43°03.91' N lat., 124°50.81' W long.;
- (7) 43°03.70' N lat., 124°47.91' W long.;
- (8) 43°03.20' N lat., 124°47.52' W long.;
- (9) 43°00.94' N lat., 124°46.57' W long.; and
- (10) 42°57.18' N lat., 124°46.01' W long.

(s) **President Jackson Seamount.** The boundary of the President Jackson Seamount EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 42°21.41' N lat., 127°42.91' W long.:

- (1) 42°21.41' N lat., 127°42.91' W long.;
- (2) 42°21.96' N lat., 127°43.73' W long.;
- (3) 42°23.78' N lat., 127°46.09' W long.;
- (4) 42°26.05' N lat., 127°48.64' W long.;
- (5) 42°28.60' N lat., 127°52.10' W long.;
- (6) 42°31.06' N lat., 127°55.02' W long.;



- (7) 42°34.61' N lat., 127°58.84' W long.;
- (8) 42°37.34' N lat., 128°01.48' W long.;
- (9) 42°39.62' N lat., 128°05.12' W long.;
- (10) 42°41.81' N lat., 128°08.13' W long.;
- (11) 42°43.44' N lat., 128°10.04' W long.;
- (12) 42°44.99' N lat., 128°12.04' W long.;
- (13) 42°48.27' N lat., 128°15.05' W long.;
- (14) 42°51.28' N lat., 128°15.05' W long.;
- (15) 42°53.64' N lat., 128°12.23' W long.;
- (16) 42°52.64' N lat., 128°08.49' W long.;
- (17) 42°51.64' N lat., 128°06.94' W long.;
- (18) 42°50.27' N lat., 128°05.76' W long.;
- (19) 42°48.18' N lat., 128°03.76' W long.;
- (20) 42°45.45' N lat., 128°01.94' W long.;
- (21) 42°42.17' N lat., 127°57.57' W long.;
- (22) 42°41.17' N lat., 127°53.92' W long.;
- (23) 42°38.80' N lat., 127°49.92' W long.;
- (24) 42°36.43' N lat., 127°44.82' W long.;
- (25) 42°33.52' N lat., 127°41.36' W long.;
- (26) 42°31.24' N lat., 127°39.63' W long.;
- (27) 42°28.33' N lat., 127°36.53' W long.;
- (28) 42°23.96' N lat., 127°35.89' W long.;
- (29) 42°21.96' N lat., 127°37.72' W long.; and
- (30) 42°21.05' N lat., 127°40.81' W long.

(t) **Rogue Canyon.** The boundary of the Rogue Canyon EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 42°41.33' N lat., 125°16.61' W long.:

- (1) 42°41.33' N lat., 125°16.61' W long.;
- (2) 42°41.55' N lat., 125°03.05' W long.;
- (3) 42°35.29' N lat., 125°02.21' W long.;
- (4) 42°34.11' N lat., 124°55.62' W long.;
- (5) 42°30.61' N lat., 124°54.97' W long.;
- (6) 42°23.81' N lat., 124°52.85' W long.; and

(7) 42°17.94' N lat., 125°10.17' W long.

(u) **Rogue River Reef.** The boundary of the Rogue River Reef EFHCA is defined as the areas within the West Coast EEZ shoreward (east) of a boundary line defined by connecting the following coordinates in the order stated:

(1) 42°23.27' N lat., 124°30.03' W long.;

(2) 42°24.10' N lat., 124°32.41' W long.;

(3) 42°22.28' N lat., 124°39.92' W long.;

(4) 42°25.46' N lat., 124°43.91' W long.;

(5) 42°27.87' N lat., 124°44.63' W long.;

(6) 42°29.27' N lat., 124°44.22' W long.;

(7) 42°29.71' N lat., 124°39.83' W long.;

(8) 42°29.36' N lat., 124°36.53' W long.; and

(9) 42°28.16' N lat., 124°34.05' W long.

[84 FR 63976, Nov. 19, 2019, as amended at 88 FR 83848, Dec. 1, 2023]

### § 660.79 EFHCAs off the Coast of California.

(a) **General.** Boundary line coordinates for EFHCA off California are provided in this section. Fishing activity that is prohibited or permitted within the EEZ in a particular area designated as a groundfish EFHCA is detailed at §§ 660.12, 660.112, 660.130, 660.212, 660.230, 660.312, 660.330, and 660.360.

(b) **Brush Patch.** The boundary of the Brush Patch EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 41°51.03' N lat., 124°48.65' W long.:

(1) 41°51.03' N lat., 124°48.65' W long.;

(2) 41°51.98' N lat., 124°51.00' W long.;

(3) 41°53.63' N lat., 124°53.12' W long.;

(4) 41°55.22' N lat., 124°54.50' W long.;

(5) 41°57.16' N lat., 124°54.87' W long.;

(6) 41°59.16' N lat., 124°52.89' W long.;

(7) 41°58.93' N lat., 124°51.25' W long.;

(8) 41°57.98' N lat., 124°50.42' W long.;

(9) 41°54.50' N lat., 124°49.72' W long.;

(10) 41°52.66' N lat., 124°47.85' W long.; and

(11) 41°51.24' N lat., 124°47.23' W long.

(c) **Trinidad Canyon.** The boundary of the Trinidad Canyon EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 41°07.81' N lat., 124°51.29' W long.:

- (1) 41°07.81' N lat., 124°51.29' W long.;
- (2) 41°14.52' N lat., 124°52.67' W long.;
- (3) 41°17.66' N lat., 124°54.31' W long.;
- (4) 41°18.37' N lat., 124°45.50' W long.;
- (5) 41°17.60' N lat., 124°43.42' W long.; and
- (6) 41°09.44' N lat., 124°43.11' W long.

(d) **Mad River Rough Patch.** The boundary of the Mad River Rough Patch EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 40°53.66' N lat., 124°26.68' W long.:

- (1) 40°53.66' N lat., 124°26.68' W long.;
- (2) 40°54.49' N lat., 124°28.22' W long.;
- (3) 40°54.88' N lat., 124°28.54' W long.;
- (4) 40°57.27' N lat., 124°29.10' W long.;
- (5) 40°57.37' N lat., 124°28.96' W long.;
- (6) 40°57.27' N lat., 124°28.34' W long.;
- (7) 40°54.56' N lat., 124°26.25' W long.; and
- (8) 40°54.13' N lat., 124°26.27' W long.

(e) **Samoa Deepwater.** The boundary of the Samoa Deepwater EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 40°50.11' N lat., 124°35.29' W long.:

- (1) 40°50.11' N lat., 124°35.29' W long.;
- (2) 40°46.37' N lat., 124°34.69' W long.;
- (3) 40°48.50' N lat., 124°39.04' W long.;
- (4) 40°51.96' N lat., 124°41.23' W long.; and
- (5) 40°52.04' N lat., 124°38.08' W long.

(f) **Eel River Canyon.** The boundary of the Eel River Canyon EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 40°40.33' N lat., 124°41.82' W long.:

- (1) 40°40.33' N lat., 124°41.82' W long.;
- (2) 40°39.69' N lat., 124°33.36' W long.;
- (3) 40°40.13' N lat., 124°32.61' W long.;
- (4) 40°39.84' N lat., 124°31.21' W long.;
- (5) 40°39.36' N lat., 124°30.48' W long.;
- (6) 40°39.42' N lat., 124°29.40' W long.;
- (7) 40°38.91' N lat., 124°28.42' W long.;

- (8) 40°38.57' N lat., 124°28.49' W long.;
- (9) 40°37.56' N lat., 124°28.78' W long.;
- (10) 40°37.08' N lat., 124°28.42' W long.;
- (11) 40°35.79' N lat., 124°29.21' W long.;
- (12) 40°37.52' N lat., 124°33.41' W long.;
- (13) 40°37.51' N lat., 124°34.46' W long.;
- (14) 40°38.22' N lat., 124°35.72' W long.;
- (15) 40°38.27' N lat., 124°39.11' W long.;
- (16) 40°37.47' N lat., 124°40.46' W long.;
- (17) 40°35.47' N lat., 124°42.97' W long.;
- (18) 40°32.78' N lat., 124°44.79' W long.;
- (19) 40°24.32' N lat., 124°39.97' W long.;
- (20) 40°23.26' N lat., 124°42.45' W long.;
- (21) 40°27.34' N lat., 124°51.21' W long.;
- (22) 40°32.68' N lat., 125°05.63' W long.;
- (23) 40°49.12' N lat., 124°47.41' W long.;
- (24) 40°44.32' N lat., 124°46.48' W long.; and
- (25) 40°41.67' N lat., 124°42.92' W long.

(g) **Blunts Reef.** The Blunts Reef EFHCA consists of the two adjacent polygons defined in this paragraph, combined.

(1) **Blunts Reef North.** The boundary of Blunts Reef North is defined by straight lines connecting all of the following points in the order stated and connecting back to 40°30.21' N lat., 124°26.85' W long.:

- (i) 40°30.21' N lat., 124°26.85' W long.;
- (ii) 40°27.53' N lat., 124°26.84' W long.;
- (iii) 40°24.66' N lat., 124°29.49' W long.;
- (iv) 40°27.84' N lat., 124°31.92' W long.;
- (v) 40°28.31' N lat., 124°33.49' W long.;
- (vi) 40°29.99' N lat., 124°33.49' W long.; and
- (vii) 40°30.46' N lat., 124°32.23' W long.

(2) **Blunts Reef South.** The boundary of Blunts Reef South is defined as the areas within the West Coast EEZ shoreward (east) of a boundary line defined by straight lines connecting the following coordinates in the order stated:

- (i) 40°27.84' N lat., 124°31.92' W long.;

- (ii) 40°28.31' N lat., 124°33.49' W long.;
- (iii) 40°22.49' N lat., 124°30.92' W long.; and
- (iv) 40°23.67' N lat., 124°28.43' W long.

(h) **Mendocino Ridge.** The Mendocino Ridge EFHCA consists of the two adjacent polygons defined in this paragraph, combined.

(1) **Mendocino Ridge North.** The boundary of Mendocino Ridge North is defined by straight lines connecting all of the following points in the order stated and connecting back to 40°25.23' N lat., 124°24.06' W long.:

- (i) 40°25.23' N lat., 124°24.06' W long.;
- (ii) 40°12.50' N lat., 124°22.59' W long.;
- (iii) 40°13.84' N lat., 124°31.89' W long.;
- (iv) 40°14.96' N lat., 124°35.42' W long.;
- (v) 40°15.92' N lat., 124°36.38' W long.;
- (vi) 40°15.81' N lat., 124°38.37' W long.;
- (vii) 40°17.45' N lat., 124°45.42' W long.;
- (viii) 40°18.39' N lat., 124°48.55' W long.;
- (ix) 40°19.98' N lat., 124°52.73' W long.;
- (x) 40°20.06' N lat., 125°02.18' W long.;
- (xi) 40°11.79' N lat., 125°07.39' W long.;
- (xii) 40°12.55' N lat., 125°11.56' W long.;
- (xiii) 40°12.81' N lat., 125°12.98' W long.;
- (xiv) 40°20.72' N lat., 125°57.31' W long.;
- (xv) 40°23.96' N lat., 125°56.83' W long.;
- (xvi) 40°24.04' N lat., 125°56.82' W long.;
- (xvii) 40°25.68' N lat., 125°09.77' W long.;
- (xviii) 40°21.03' N lat., 124°33.96' W long.; and
- (xix) 40°25.72' N lat., 124°24.15' W long.

(2) **Mendocino Ridge South.** The boundary of Mendocino Ridge South is defined as the areas within the West Coast EEZ shoreward (east) of a boundary line defined by connecting the following coordinates in the order stated:

- (i) 40°10.03' N lat., 124°20.51' W long.;
- (ii) 40°10.42' N lat., 124°22.26' W long.;
- (iii) 40°13.84' N lat., 124°31.89' W long.; and

(iv) 40°12.82' N lat., 124°24.85' W long.

(i) **Delgada Canyon.** The boundary of the Delgada Canyon EFHCA is defined as the areas of the state territorial sea, east of the West Coast EEZ and within a boundary line defined by connecting the following coordinates in the order stated:

(1) 40°06.58' N lat., 124°07.39' W long.;

(2) 40°01.37' N lat., 124°08.79' W long.;

(3) 40°04.35' N lat., 124°10.89' W long.;

(4) 40°05.71' N lat., 124°09.42' W long.;

(5) 40°07.18' N lat., 124°09.61' W long.; and

(6) 40°07.13' N lat., 124°09.09' W long.

(j) **Tolo Bank.** The boundary of the Tolo Bank EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 39°58.75' N lat., 124°04.58' W long.:

(1) 39°58.75' N lat., 124°04.58' W long.;

(2) 39°56.05' N lat., 124°01.45' W long.;

(3) 39°53.99' N lat., 124°00.17' W long.;

(4) 39°52.28' N lat., 124°03.12' W long.; and

(5) 39°57.90' N lat., 124°07.07' W long.

(k) **Navarro Canyon.** The boundary of the Navarro Canyon EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 39°04.76' N lat., 124°11.80' W long.:

(1) 39°04.76' N lat., 124°11.80' W long.;

(2) 39°11.84' N lat., 124°13.30' W long.;

(3) 39°11.39' N lat., 124°10.38' W long.;

(4) 39°08.73' N lat., 124°10.38' W long.;

(5) 39°07.16' N lat., 124°08.98' W long.; and

(6) 39°06.07' N lat., 124°08.55' W long.

(l) **Point Arena North.** The boundary of the Point Arena North EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 39°03.32' N lat., 123°51.15' W long.:

(1) 39°03.32' N lat., 123°51.15' W long.;

(2) 38°56.54' N lat., 123°49.79' W long.;

(3) 38°54.12' N lat., 123°52.69' W long.;

(4) 38°59.64' N lat., 123°55.02' W long.; and

(5) 39°02.83' N lat., 123°55.21' W long.

- (m) **Point Arena South Biogenic Area.** The boundary of the Point Arena South Biogenic Area EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 38°33.24' N lat., 123°35.18' W long.:
- (1) 38°33.24' N lat., 123°35.18' W long.;
  - (2) 38°32.01' N lat., 123°35.78' W long.;
  - (3) 38°33.19' N lat., 123°40.30' W long.;
  - (4) 38°34.62' N lat., 123°42.32' W long.;
  - (5) 38°35.98' N lat., 123°44.22' W long.;
  - (6) 38°38.27' N lat., 123°46.57' W long.;
  - (7) 38°41.11' N lat., 123°48.69' W long.;
  - (8) 38°41.95' N lat., 123°45.41' W long.;
  - (9) 38°36.02' N lat., 123°41.30' W long.; and
  - (10) 38°34.37' N lat., 123°37.47' W long.
- (n) **The Football.** The boundary of The Football EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 38°24.36' N lat., 123°32.10' W long.:
- (1) 38°24.36' N lat., 123°32.10' W long.;
  - (2) 38°23.58' N lat., 123°33.96' W long.;
  - (3) 38°29.10' N lat., 123°37.32' W long.; and
  - (4) 38°29.04' N lat., 123°35.04' W long.
- (o) **Gobbler's Knob.** The boundary of the Gobbler's Knob EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 38°06.84' N lat., 123°25.98' W long.:
- (1) 38°06.84' N lat., 123°25.98' W long.;
  - (2) 38°07.14' N lat., 123°27.60' W long.;
  - (3) 38°11.64' N lat., 123°29.58' W long.;
  - (4) 38°12.36' N lat., 123°28.80' W long.;
  - (5) 38°12.42' N lat., 123°27.78' W long.; and
  - (6) 38°08.70' N lat., 123°25.98' W long.
- (p) **Point Reyes Reef.** The boundary of the Point Reyes Reef EFHCA is defined as the areas within the West Coast EEZ shoreward (east) of a boundary line defined by connecting the following coordinates in the order stated:
- (1) 38°2.88' N lat., 123°03.46' W long.;
  - (2) 38°2.98' N lat., 123°03.84' W long.;
  - (3) 38°6.52' N lat., 123°03.63' W long.;

(4) 38°8.69' N lat., 123°01.86' W long.; and

(5) 38°8.92' N lat., 123°00.90' W long.

(q) **Cordell Bank/Biogenic Area.** The boundary of the Cordell Bank/Biogenic Area EFHCA is located offshore of California's Marin County defined by straight lines connecting all of the following points in the order stated and connecting back to 38°05.46' N lat., 123°25.97' W long.:

(1) 38°05.46' N lat., 123°25.97' W long.;

(2) 38°04.44' N lat., 123°24.44' W long.;

(3) 38°03.05' N lat., 123°21.33' W long.;

(4) 38°03.07' N lat., 123°07.35' W long.;

(5) 38°02.84' N lat., 123°07.36' W long.;

(6) 38°01.09' N lat., 123°07.06' W long.;

(7) 38°01.02' N lat., 123°22.08' W long.;

(8) 37°54.75' N lat., 123°23.64' W long.;

(9) 37°46.01' N lat., 123°25.62' W long.;

(10) 37°46.68' N lat., 123°27.05' W long.;

(11) 37°47.66' N lat., 123°28.18' W long.;

(12) 37°50.26' N lat., 123°30.94' W long.;

(13) 37°54.41' N lat., 123°32.69' W long.;

(14) 37°56.94' N lat., 123°32.87' W long.;

(15) 37°57.09' N lat., 123°26.39' W long.;

(16) 37°57.76' N lat., 123°26.48' W long.;

(17) 37°58.57' N lat., 123°26.95' W long.;

(18) 37°59.94' N lat., 123°28.58' W long.;

(19) 38°00.27' N lat., 123°29.32' W long.;

(20) 38°00.63' N lat., 123°29.95' W long.;

(21) 38°01.23' N lat., 123°30.53' W long.;

(22) 38°01.60' N lat., 123°30.81' W long.;

(23) 38°01.84' N lat., 123°31.05' W long.;

(24) 38°02.00' N lat., 123°31.31' W long.;

(25) 38°02.37' N lat., 123°31.45' W long.;

(26) 38°03.99' N lat., 123°30.75' W long.;

(27) 38°04.85' N lat., 123°30.36' W long.; and



(28) 38°05.73' N lat., 123°28.46' W long.

(r) **Cordell Bank (50-fm (91-m) isobath).** The boundary of the Cordell Bank (50-fm (91-m) isobath) EFHCA is located offshore of California's Marin County defined by straight lines connecting all of the following points in the order stated and connecting back to 37°57.62' N lat., 123°24.22' W long.:

(1) 37°57.62' N lat., 123°24.22' W long.;

(2) 37°57.70' N lat., 123°25.25' W long.;

(3) 37°59.47' N lat., 123°26.63' W long.;

(4) 38°00.24' N lat., 123°27.87' W long.;

(5) 38°00.98' N lat., 123°27.65' W long.;

(6) 38°02.81' N lat., 123°28.75' W long.;

(7) 38°04.26' N lat., 123°29.25' W long.;

(8) 38°04.55' N lat., 123°28.32' W long.;

(9) 38°03.87' N lat., 123°27.69' W long.;

(10) 38°04.27' N lat., 123°26.68' W long.;

(11) 38°02.67' N lat., 123°24.17' W long.;

(12) 38°00.87' N lat., 123°23.15' W long.;

(13) 37°59.32' N lat., 123°22.52' W long.; and

(14) 37°58.24' N lat., 123°23.16' W long.

(s) **Rittenburg Bank.** The boundary of the Rittenburg Bank EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 37°51.36' N lat., 123°19.18' W long.:

(1) 37°51.36' N lat., 123°19.18' W long.;

(2) 37°53.61' N lat., 123°21.67' W long.;

(3) 37°54.32' N lat., 123°19.69' W long.;

(4) 37°53.98' N lat., 123°18.99' W long.;

(5) 37°54.96' N lat., 123°16.32' W long.; and

(6) 37°53.32' N lat., 123°15.00' W long.

(t) **Farallon Islands/Fanny Shoal/Cochrane Bank.** The boundary of the Farallon Islands/Fanny Shoal/Cochrane Bank EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 37°51.58' N lat., 123°14.07' W long.:

(1) 37°51.58' N lat., 123°14.07' W long.;

(2) 37°44.51' N lat., 123°01.50' W long.;

(3) 37°41.71' N lat., 122°58.38' W long.;

(4) 37°40.80' N lat., 122°58.54' W long.;

- (5) 37°39.87' N lat., 122°59.64' W long.;
- (6) 37°42.05' N lat., 123°03.72' W long.;
- (7) 37°43.73' N lat., 123°04.45' W long.;
- (8) 37°46.94' N lat., 123°11.65' W long.;
- (9) 37°46.51' N lat., 123°14.14' W long.;
- (10) 37°47.87' N lat., 123°16.94' W long.; and
- (11) 37°49.23' N lat., 123°16.81' W long.

(u) **Farallon Escarpment.** The boundary of the Farallon Escarpment EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 37°44.85' N lat., 123°13.73' W long.:

- (1) 37°44.85' N lat., 123°13.73' W long.;
- (2) 37°45.58' N lat., 123°12.74' W long.;
- (3) 37°45.18' N lat., 123°11.87' W long.;
- (4) 37°42.71' N lat., 123°09.04' W long.;
- (5) 37°40.73' N lat., 123°08.42' W long.;
- (6) 37°39.15' N lat., 123°06.76' W long.;
- (7) 37°38.26' N lat., 123°08.27' W long.;
- (8) 37°34.32' N lat., 123°07.43' W long.;
- (9) 37°29.55' N lat., 123°09.74' W long.;
- (10) 37°29.18' N lat., 123°13.97' W long.;
- (11) 37°40.29' N lat., 123°12.83' W long.;
- (12) 37°47.52' N lat., 123°25.28' W long.; and
- (13) 37°50.65' N lat., 123°24.57' W long.

(v) **Half Moon Bay.** The boundary of the Half Moon Bay EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 37°18.14' N lat., 122°31.15' W long.:

- (1) 37°18.14' N lat., 122°31.15' W long.;
- (2) 37°19.80' N lat., 122°34.70' W long.;
- (3) 37°19.28' N lat., 122°38.76' W long.;
- (4) 37°23.54' N lat., 122°40.75' W long.;
- (5) 37°25.41' N lat., 122°33.20' W long.; and
- (6) 37°23.28' N lat., 122°30.71' W long.

- (w) **Pescadero Reef.** The boundary of the Pescadero Reef EFHCA is defined as the areas within the West Coast EEZ shoreward (east) of a boundary line defined by connecting the following coordinates in the order stated:
- (1) 37°17.18' N lat., 122°28.34' W long.;
  - (2) 37°17.76' N lat., 122°29.59' W long.;
  - (3) 37°19.38' N lat., 122°29.63' W long.; and
  - (4) 37°19.50' N lat., 122°28.00' W long.;
- (x) **Pigeon Point Reef.** The boundary of the Pigeon Point EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 37°06.02' N lat., 122°28.14' W long.:
- (1) 37°06.02' N lat., 122°28.14' W long.;
  - (2) 37°08.91' N lat., 122°31.76' W long.;
  - (3) 37°10.29' N lat., 122°29.70' W long.; and
  - (4) 37°07.20' N lat., 122°26.82' W long.
- (y) **Ascension Canyonhead.** The boundary of the Ascension Canyonhead EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 36°56.88' N lat., 122°24.84' W long.:
- (1) 36°56.88' N lat., 122°24.84' W long.;
  - (2) 36°57.30' N lat., 122°26.36' W long.;
  - (3) 36°56.65' N lat., 122°27.06' W long.;
  - (4) 37°01.55' N lat., 122°24.73' W long.;
  - (5) 37°01.40' N lat., 122°24.37' W long.;
  - (6) 37°01.00' N lat., 122°24.35' W long.;
  - (7) 37°00.61' N lat., 122°24.03' W long.; and
  - (8) 36°59.20' N lat., 122°24.64' W long.
- (z) **South of Davenport.** The boundary of the South of Davenport EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 36°54.00' N lat., 122°13.05' W long.:
- (1) 36°54.00' N lat., 122°13.05' W long.;
  - (2) 36°56.79' N lat., 122°17.91' W long.;
  - (3) 36°57.80' N lat., 122°18.14' W long.;
  - (4) 36°57.84' N lat., 122°17.72' W long.;
  - (5) 36°57.38' N lat., 122°17.05' W long.;
  - (6) 36°55.84' N lat., 122°14.26' W long.;
  - (7) 36°54.80' N lat., 122°12.61' W long.; and

(8) 36°54.49' N lat., 122°12.48' W long.

(aa) **Monterey Bay/Canyon.** The boundary of the Monterey Bay/Canyon EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 36°54.17' N lat., 122°23.68' W long.:

(1) 36°54.17' N lat., 122°23.68' W long.;

(2) 36°53.58' N lat., 122°22.48' W long.;

(3) 36°52.72' N lat., 122°22.11' W long.;

(4) 36°49.09' N lat., 122°21.84' W long.;

(5) 36°50.47' N lat., 122°19.03' W long.;

(6) 36°49.60' N lat., 122°15.08' W long.;

(7) 36°49.37' N lat., 122°15.20' W long.;

(8) 36°48.31' N lat., 122°18.59' W long.;

(9) 36°45.55' N lat., 122°18.91' W long.;

(10) 36°44.32' N lat., 122°18.49' W long.;

(11) 36°42.04' N lat., 122°16.07' W long.;

(12) 36°40.30' N lat., 122°13.31' W long.;

(13) 36°39.88' N lat., 122°09.69' W long.;

(14) 36°40.02' N lat., 122°09.09' W long.;

(15) 36°40.99' N lat., 122°08.53' W long.;

(16) 36°41.30' N lat., 122°09.35' W long.;

(17) 36°44.94' N lat., 122°08.46' W long.;

(18) 36°46.31' N lat., 122°05.48' W long.;

(19) 36°48.50' N lat., 122°06.02' W long.;

(20) 36°49.18' N lat., 122°03.12' W long.;

(21) 36°47.80' N lat., 122°02.71' W long.;

(22) 36°49.60' N lat., 122°00.85' W long.;

(23) 36°51.53' N lat., 121°58.25' W long.;

(24) 36°50.78' N lat., 121°56.89' W long.;

(25) 36°47.39' N lat., 121°58.16' W long.;

(26) 36°48.34' N lat., 121°50.95' W long.;

(27) 36°47.23' N lat., 121°52.25' W long.;

(28) 36°45.60' N lat., 121°54.17' W long.;

- (29) 36°44.76' N lat., 121°56.04' W long.;
- (30) 36°41.68' N lat., 121°56.33' W long.;
- (31) 36°38.21' N lat., 121°55.96' W long.; extending along the mainland coast to
- (32) 36°25.31' N lat., 121°54.86' W long.;
- (33) 36°25.25' N lat., 121°58.34' W long.;
- (34) 36°30.86' N lat., 122°00.45' W long.;
- (35) 36°30.78' N lat., 122°01.32' W long.;
- (36) 36°31.22' N lat., 122°01.35' W long.;
- (37) 36°32.38' N lat., 122°01.69' W long.;
- (38) 36°35.41' N lat., 122°04.44' W long.;
- (39) 36°34.69' N lat., 122°04.99' W long.;
- (40) 36°30.59' N lat., 122°03.45' W long.;
- (41) 36°30.02' N lat., 122°09.85' W long.;
- (42) 36°30.23' N lat., 122°36.82' W long.;
- (43) 36°55.08' N lat., 122°36.46' W long.;
- (44) 36°54.01' N lat., 122°29.95' W long.;
- (45) 36°56.65' N lat., 122°27.06' W long.;
- (46) 36°57.30' N lat., 122°26.36' W long.;
- (47) 36°56.88' N lat., 122°24.84' W long.; and
- (48) 36°56.53' N lat., 122°23.58' W long.

(bb) **West of Sobranes Point.** The boundary of the West of Sobranes Point EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 36°30.59' N lat., 122°03.45' W long.:

- (1) 36°30.59' N lat., 122°03.45' W long.;
- (2) 36°25.41' N lat., 122°13.54' W long.;
- (3) 36°25.71' N lat., 122°17.22' W long.; and
- (4) 36°30.02' N lat., 122°09.85' W long.

(cc) **Point Sur Deep.** The boundary of the Point Sur Deep EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 36°17.95' N lat., 122°17.13' W long.:

- (1) 36°17.95' N lat., 122°17.13' W long.;
- (2) 36°17.83' N lat., 122°22.56' W long.;
- (3) 36°22.33' N lat., 122°22.99' W long.;

(4) 36°26.00' N lat., 122°20.81' W long.; and

(5) 36°25.41' N lat., 122°13.54' W long.

(dd) **Big Sur Coast/Port San Luis.** The Big Sur Coast/Port San Luis EFHCA consists of the three adjacent polygons defined in this paragraph, combined.

(1) **Main.** The main polygon covers Davidson Seamount, portions of Santa Lucia Bank and Sur Canyon, and is defined by straight lines connecting all of the following points in the order stated and connecting back to 36°15.74' N lat., 121°56.75' W long.:

(i) 36°15.74' N lat., 121°56.75' W long.;

(ii) 36°15.84' N lat., 121°56.35' W long.;

(iii) 36°14.27' N lat., 121°53.89' W long.;

(iv) 36°10.93' N lat., 121°48.66' W long.;

(v) 36°07.40' N lat., 121°43.14' W long.;

(vi) 36°07.36' N lat., 121°43.26' W long.;

(vii) 35°59.00' N lat., 121°50.49' W long.;

(viii) 35°55.70' N lat., 121°50.02' W long.;

(ix) 35°53.05' N lat., 121°56.69' W long.;

(x) 35°38.99' N lat., 121°49.73' W long.;

(xi) 35°20.06' N lat., 121°27.00' W long.;

(xii) 35°20.39' N lat., 121°33.08' W long.;

(xiii) 35°09.72' N lat., 121°33.92' W long.;

(xiv) 35°06.21' N lat., 121°33.51' W long.;

(xv) 35°04.09' N lat., 121°32.19' W long.;

(xvi) 35°02.65' N lat., 121°30.63' W long.;

(xvii) 35°02.79' N lat., 121°26.30' W long.;

(xviii) 34°58.71' N lat., 121°24.21' W long.;

(xix) 34°47.24' N lat., 121°22.40' W long.;

(xx) 34°35.70' N lat., 121°45.99' W long.;

(xxi) 35°47.36' N lat., 122°30.25' W long.;

(xxii) 35°27.26' N lat., 122°45.15' W long.;

(xxiii) 35°34.39' N lat., 123°00.25' W long.;

(xxiv) 36°01.64' N lat., 122°40.76' W long.;

(xxv) 36°17.41' N lat., 122°41.22' W long.;

- (xxvi) 36°17.83' N lat., 122°22.56' W long.;
- (xxvii) 36°17.95' N lat., 122°17.13' W long.;
- (xxviii) 36°13.85' N lat., 122°15.95' W long.;
- (xxix) 36°12.30' N lat., 122°10.19' W long.;
- (xxx) 36°09.95' N lat., 122°03.73' W long.;
- (xxxi) 36°09.93' N lat., 121°56.57' W long.;
- (xxxii) 36°11.89' N lat., 121°55.81' W long.;
- (xxxiii) 36°12.58' N lat., 121°58.55' W long.;
- (xxxiv) 36°13.95' N lat., 121°58.45' W long.;
- (xxxv) 36°14.84' N lat., 122°00.28' W long.; and
- (xxxvi) 36°15.21' N lat., 121°58.83' W long.

(2) **North.** This area is a northern expansion in the vicinity of Point Sur Platform and is defined as the areas within the West Coast EEZ shoreward (east) of a boundary line defined by connecting the following coordinates in the order stated:

- (i) 36°15.74' N lat., 121°56.75' W long.;
- (ii) 36°15.21' N lat., 121°58.83' W long.;
- (iii) 36°16.66' N lat., 122°01.19' W long.;
- (iv) 36°17.95' N lat., 122°02.25' W long.;
- (v) 36°18.56' N lat., 122°01.53' W long.; and
- (vi) 36°17.65' N lat., 121°57.85' W long.

(3) **Northeast.** This area is a northeastern expansion in the vicinity of Partington Point and Lopez Point and is defined as the areas within the West Coast EEZ shoreward (east) of a boundary line defined by connecting the following coordinates in the order stated:

- (i) 36°02.32' N lat., 121°39.40' W long.;
- (ii) 35°58.89' N lat., 121°45.38' W long.;
- (iii) 35°59.00' N lat., 121°50.49' W long.; and
- (iv) 36°07.36' N lat., 121°43.26' W long.

(ee) **Davidson Seamount.** The boundary of the Davidson Seamount EFHCA is defined by straight lines connecting the following points in the order stated and connecting back to 35°54.00' N lat., 123°00.00' W long.:

- (1) 35°54.00' N lat., 123°00.00' W long.;
- (2) 35°54.00' N lat., 122°30.00' W long.;
- (3) 35°30.00' N lat., 122°30.00' W long.; and

(4) 35°30.00' N lat., 123°00.00' W long.

(ff) **La Cruz Canyon.** The boundary of the La Cruz Canyon EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 35°42.85' N lat., 121°25.92' W long.:

(1) 35°42.85' N lat., 121°25.92' W long.;

(2) 35°42.83' N lat., 121°26.31' W long.;

(3) 35°43.63' N lat., 121°26.92' W long.;

(4) 35°45.14' N lat., 121°27.61' W long.;

(5) 35°46.88' N lat., 121°27.80' W long.;

(6) 35°49.15' N lat., 121°29.43' W long.;

(7) 35°49.53' N lat., 121°28.71' W long.;

(8) 35°49.15' N lat., 121°27.84' W long.;

(9) 35°48.68' N lat., 121°27.58' W long.;

(10) 35°47.84' N lat., 121°27.75' W long.;

(11) 35°46.50' N lat., 121°26.57' W long.;

(12) 35°45.40' N lat., 121°25.99' W long.;

(13) 35°44.19' N lat., 121°24.69' W long.; and

(14) 35°43.83' N lat., 121°26.52' W long.

(gg) **West of Piedras Blancas State Marine Conservation Area.** The boundary of the West of Piedras Blancas SMCA EFHCA is defined as the areas within the West Coast EEZ shoreward (east) of a boundary line defined by connecting the following coordinates in the order stated:

(1) 35°39.12' N lat., 121°20.94' W long.;

(2) 35°39.11' N lat., 121°21.32' W long.;

(3) 35°40.63' N lat., 121°22.63' W long.;

(4) 35°42.84' N lat., 121°23.67' W long.; and

(5) 35°42.85' N lat., 121°22.81' W long.

(hh) **East San Lucia Bank.** The boundary of the East San Lucia Bank EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 34°45.09' N. lat., 121°05.73' W. long.:

(1) 34°45.09' N lat., 121°05.73' W long.;

(2) 34°39.90' N lat., 121°10.30' W long.;

(3) 34°43.39' N lat., 121°14.73' W long.;

(4) 34°52.83' N lat., 121°14.85' W long.; and

(5) 34°52.82' N lat., 121°05.90' W long.



(ii) **Point Conception.** The boundary of the Point Conception EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 34°29.24' N lat., 120°36.05' W long.:

- (1) 34°29.24' N lat., 120°36.05' W long.;
- (2) 34°28.57' N lat., 120°34.44' W long.;
- (3) 34°26.81' N lat., 120°33.21' W long.;
- (4) 34°24.54' N lat., 120°32.23' W long.;
- (5) 34°23.41' N lat., 120°30.61' W long.;
- (6) 33°53.05' N lat., 121°05.19' W long.;
- (7) 34°13.64' N lat., 121°20.91' W long.;
- (8) 34°40.04' N lat., 120°54.01' W long.;
- (9) 34°36.41' N lat., 120°43.48' W long.;
- (10) 34°33.50' N lat., 120°43.72' W long.;
- (11) 34°31.22' N lat., 120°42.06' W long.;
- (12) 34°30.04' N lat., 120°40.27' W long.;
- (13) 34°30.02' N lat., 120°40.23' W long.; and
- (14) 34°29.26' N lat., 120°37.89' W long.

(jj) **Harris Point.** The boundary of the Harris Point EFHCA is defined by the mean high water line and straight lines connecting all of the following points in the order stated:

- (1) 34°03.10' N lat., 120°23.30' W long.;
- (2) 34°12.50' N lat., 120°23.30' W long.;
- (3) 34°12.50' N lat., 120°18.40' W long.;
- (4) 34°01.80' N lat., 120°18.40' W long.;
- (5) 34°02.90' N lat., 120°20.20' W long.; and
- (6) 34°03.50' N lat., 120°21.30' W long.

(kk) **Harris Point Exception.** An exemption to the Harris Point reserve, where commercial and recreational take of living marine resources is allowed, exists between the mean high water line in Cuyler Harbor and a straight line connecting all of the following points:

- (1) 34°02.90' N lat., 120°20.20' W long.; and
- (2) 34°03.50' N lat., 120°21.30' W long.

(ll) **Richardson Rock.** The boundary of the Richardson Rock EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 34°10.40' N lat., 120°28.20' W long.:

- (1) 34°10.40' N lat., 120°28.20' W long.;
- (2) 34°10.40' N lat., 120°36.29' W long.;

(3) 34°02.21' N lat., 120°36.29' W long.; and

(4) 34°02.21' N lat., 120°28.20' W long.

(mm) **Scorpion.** The boundary of the Scorpion EFHCA is defined by the mean high water line and a straight line connecting all of the following points in the order stated:

(1) 34°02.94' N lat., 119°35.50' W long.;

(2) 34°09.35' N lat., 119°35.50' W long.;

(3) 34°09.35' N lat., 119°32.80' W long.; and

(4) 34°02.80' N lat., 119°32.80' W long.

(nn) **Painted Cave.** The boundary of the Painted Cave EFHCA is defined by the mean high water line and a straight line connecting all of the following points in the order stated:

(1) 34°04.50' N lat., 119°53.00' W long.;

(2) 34°05.20' N lat., 119°53.00' W long.;

(3) 34°05.00' N lat., 119°51.00' W long.; and

(4) 34°04.00' N lat., 119°51.00' W long.

(oo) **Anacapa Island.** The boundary of the Anacapa Island EFHCA is defined by the mean high water line and straight lines connecting all of the following points in the order stated:

(1) 34°00.80' N lat., 119°26.70' W long.;

(2) 34°05.00' N lat., 119°26.70' W long.;

(3) 34°05.00' N lat., 119°21.40' W long.; and

(4) 34°01.00' N lat., 119°21.40' W long.

(pp) **Carrington Point.** The boundary of the Carrington Point EFHCA is defined by the mean high water line and straight lines connecting all of the following points:

(1) 34°01.30' N lat., 120°05.20' W long.;

(2) 34°04.00' N lat., 120°05.20' W long.;

(3) 34°04.00' N lat., 120°01.00' W long.;

(4) 34°00.50' N lat., 120°01.00' W long.; and

(5) 34°00.50' N lat., 120°02.80' W long.

(qq) **Judith Rock.** The boundary of the Judith Rock EFHCA is defined by the mean high water line and a straight line connecting all of the following points in the order stated:

(1) 34°01.80' N lat., 120°26.60' W long.;

(2) 33°58.50' N lat., 120°26.60' W long.;

(3) 33°58.50' N lat., 120°25.30' W long.; and

(4) 34°01.50' N lat., 120°25.30' W long.

- (rr) **Skunk Point.** The boundary of the Skunk Point EFHCA is defined by the mean high water line and straight lines connecting all of the following points in the order stated:
- (1) 33°59.00' N lat., 119°58.80' W long.;
  - (2) 33°59.00' N lat., 119°58.02' W long.;
  - (3) 33°57.10' N lat., 119°58.00' W long.; and
  - (4) 33°57.10' N lat., 119°58.20' W long.
- (ss) **Footprint.** The boundary of the Footprint EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 33°59.00' N lat., 119°26.00' W long.:
- (1) 33°59.00' N lat., 119°26.00' W long.;
  - (2) 33°59.00' N lat., 119°31.00' W long.;
  - (3) 33°54.11' N lat., 119°31.00' W long.; and
  - (4) 33°54.11' N lat., 119°26.00' W long.
- (tt) **Gull Island.** The boundary of the Gull Island EFHCA is defined by the mean high water line and straight lines connecting all of the following points in the order stated:
- (1) 33°58.02' N lat., 119°51.00' W long.;
  - (2) 33°58.02' N lat., 119°53.00' W long.;
  - (3) 33°51.63' N lat., 119°53.00' W long.;
  - (4) 33°51.62' N lat., 119°48.00' W long.; and
  - (5) 33°57.70' N lat., 119°48.00' W long.
- (uu) **South Point.** The boundary of the South Point EFHCA is defined by the mean high water line and straight lines connecting all of the following points in the order stated:
- (1) 33°55.00' N lat., 120°10.00' W long.;
  - (2) 33°50.40' N lat., 120°10.00' W long.;
  - (3) 33°50.40' N lat., 120°06.50' W long.; and
  - (4) 33°53.80' N lat., 120°06.50' W long.
- (vv) **Hidden Reef/Kidney Bank.** The boundary of the Hidden Reef/Kidney Bank EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 33°48.00' N lat., 119°15.06' W long.:
- (1) 33°48.00' N lat., 119°15.06' W long.;
  - (2) 33°48.00' N lat., 118°57.06' W long.;
  - (3) 33°33.00' N lat., 118°57.06' W long.; and
  - (4) 33°33.00' N lat., 119°15.06' W long.
- (ww) **Catalina Island.** The boundary of the Catalina Island EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 33°34.71' N lat., 118°11.40' W long.:

- (1) 33°34.71' N lat., 118°11.40' W long.;
- (2) 33°25.88' N lat., 118°03.76' W long.;
- (3) 33°11.69' N lat., 118°09.21' W long.;
- (4) 33°19.73' N lat., 118°35.41' W long.;
- (5) 33°23.90' N lat., 118°35.11' W long.;
- (6) 33°25.68' N lat., 118°41.66' W long.;
- (7) 33°30.25' N lat., 118°42.25' W long.;
- (8) 33°32.73' N lat., 118°38.38' W long.; and
- (9) 33°27.07' N lat., 118°20.33' W long.

(xx) **Santa Barbara.** The Santa Barbara EFHCA is defined by the mean high water line and straight lines connecting all of the following points in the order stated:

- (1) 33°28.50' N lat., 119°01.70' W long.;
- (2) 33°28.50' N lat., 118°54.54' W long.;
- (3) 33°21.78' N lat., 118°54.54' W long.;
- (4) 33°21.78' N lat., 119°02.20' W long.; and
- (5) 33°27.90' N lat., 119°02.20' W long.

(yy) **Potato Bank.** The boundary of the Potato Bank EFHCA is defined by straight lines connecting all of the following points in the order stated and connecting back to 33°11.00' N lat., 119°55.67' W long.:

- (1) 33°11.00' N lat., 119°55.67' W long.;
- (2) 33°21.00' N lat., 119°55.67' W long.;
- (3) 33°21.00' N lat., 119°45.67' W long.; and
- (4) 33°11.00' N lat., 119°45.67' W long.

(zz) **Cherry Bank.** The Cherry Bank EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated and connecting back to 32°59.00' N lat., 119°32.05' W long.:

- (1) 32°59.00' N lat., 119°32.05' W long.;
- (2) 32°59.00' N lat., 119°17.05' W long.;
- (3) 32°46.00' N lat., 119°17.05' W long.; and
- (4) 32°46.00' N lat., 119°32.05' W long.

(aaa) **Cowcod EFHCA East.** The Cowcod EFHCA East is defined by straight lines connecting all of the following points in the order stated and connecting back to 32°41.15' N lat., 118°02.00' W long.:

- (1) 32°41.15' N lat., 118°02.00' W long.;
- (2) 32°42.00' N lat., 118°02.00' W long.;
- (3) 32°42.00' N lat., 117°50.00' W long.;

- (4) 32°36.70' N lat., 117°50.00' W long.;
- (5) 32°30.00' N lat., 117°53.50' W long.;
- (6) 32°30.00' N lat., 118°02.00' W long.; and
- (7) 32°40.49' N lat., 118°02.00' W long.

(bbb) **Southern California Bight.** The boundary of the Southern California Bight EFHCA is defined as the area that includes all waters within the West Coast EEZ that is: south of a straight line connecting 34°02.65' N lat., 120°54.25' W long. And 34°23.09' N lat., 120°30.98' W long.; shoreward (east and northeast) of the boundary line approximating the 700-fm (1280-m) depth contour, defined at § 660.76(b) and seaward (south and southwest) of a line defined by the inner boundary of the West Coast EEZ and a series of straight lines connecting the coordinates listed below in the order stated. The straight line segments and coordinates defined below exclude nearshore portions of the West Coast EEZ from this EFHCA.

(1) **Northern Boundary.** The northern boundary of the Southern California Bight EFHCA is a straight line connecting the following points in the order stated.

- (i) 34°02.68' N lat., 120°54.30' W long.; and
- (ii) 34°23.09' N lat., 120°30.98' W long.

(2) **Santa Barbara Channel.** In the area of the Santa Barbara Channel, the EFHCA extends seaward/southwest of a boundary line defined by straight lines connecting the following points in the order stated:

- (i) 34°02.68' N lat., 120°54.30' W long.;
- (ii) 34°23.09' N lat., 120°30.98' W long.;
- (iii) 34°21.64' N lat., 120°25.32' W long.;
- (iv) 34°23.55' N lat., 120°15.12' W long.;
- (v) 34°20.15' N lat., 119°57.09' W long.;
- (vi) 34°16.84' N lat., 119°49.14' W long.;
- (vii) 34°11.24' N lat., 119°42.12' W long.;
- (viii) 34°11.30' N lat., 119°37.11' W long.;
- (ix) 34°09.89' N lat., 119°29.78' W long.;
- (x) 34°09.19' N lat., 119°27.45' W long.;
- (xi) 34°04.70' N lat., 119°15.38' W long.;
- (xii) 34°03.33' N lat., 119°12.93' W long.; and
- (xiii) 34°02.84' N lat., 119°07.92' W long.

(3) **Santa Monica Bay.** In the area of Santa Monica bay, the EFHCA extends seaward/southwest of a boundary line defined by straight lines connecting the following points in the order stated:

- (i) 33°58.64' N lat., 118°44.34' W long.;
- (ii) 33°55.90' N lat., 118°36.39' W long.;

- (iii) 33°53.54' N lat., 118°39.81' W long.;
  - (iv) 33°50.10' N lat., 118°36.30' W long.; and
  - (v) 33°46.75' N lat., 118°29.33' W long.
- (4) **San Pedro Bay.** In the area between Long Beach, CA and Newport Beach, CA, the EFHCA extends seaward/southwest of a boundary line defined by straight lines connecting the following points in the order stated:
- (i) 33°39.28' N lat., 118°16.82' W long.;
  - (ii) 33°35.78' N lat., 118°17.28' W long.;
  - (iii) 33°33.74' N lat., 118°12.53' W long.;
  - (iv) 33°34.71' N lat., 118°11.40' W long.;
  - (v) 33°32.69' N lat., 118°09.66' W long.; and
  - (vi) 33°33.70' N lat., 117°57.43' W long.
- (5) **San Clemente.** In the area between Dana Point, CA and Oceanside, CA, the EFHCA extends seaward/southwest of a boundary line defined by straight lines connecting the following points in the order stated:
- (i) 33°24.37' N lat., 117°42.49' W long.;
  - (ii) 33°16.07' N lat., 117°34.74' W long.; and
  - (iii) 33°09.00' N lat., 117°25.27' W long.
- (6) **San Diego.** In the area west of San Diego, CA, the EFHCA extends seaward/west of a boundary line defined by straight lines connecting the following points in the order stated:
- (i) 32°51.02' N lat., 117°20.47' W long.;
  - (ii) 32°46.31' N lat., 117°23.44' W long.;
  - (iii) 32°42.68' N lat., 117°20.98' W long.; and
  - (iv) 32°34.18' N lat., 117°21.08' W long.

[84 FR 63979, Nov. 19, 2019, as amended at 88 FR 83848, Dec. 1, 2023]

**Table 1a to Part 660, Subpart C—2023, Specifications of OFL, ABC, ACL, ACT and Fishery HG**

Table 1a to Part 660, Subpart C—2023, Specifications of OFL, ABC, ACL, ACT  
 and Fishery Harvest Guidelines

[Weights in metric tons]; [Capitalized stocks are overfished]

Stocks	Area	OFL	ABC	ACL <sup>a</sup>	Fishery HG <sup>b</sup>
YELLOWEYE ROCKFISH <sup>c</sup>	Coastwide	123	103	66	55.3
Arrowtooth Flounder <sup>d</sup>	Coastwide	26,391	18,632	18,632	16,537

Stocks	Area	OFL	ABC	ACL <sup>a</sup>	Fishery HG <sup>b</sup>
Big Skate <sup>e</sup>	Coastwide	1,541	1,320	1,320	1,260.2
Black Rockfish <sup>f</sup>	California (S of 42° N lat.)	368	334	334	332.1
Black Rockfish <sup>g</sup>	Washington (N of 46°16' N lat.)	319	290	290	271.8
Bocaccio <sup>h</sup>	S of 40°10' N lat	2,009	1,842	1,842	1,793.9
Cabazon <sup>i</sup>	California (S of 42° N lat.)	197	182	182	180.4
California Scorpionfish <sup>j</sup>	S of 34°27' N lat	290	262	262	258.4
Canary Rockfish <sup>k</sup>	Coastwide	1,413	1,284	1,284	1,215.1
Chilipepper <sup>l</sup>	S of 40°10' N lat	2,401	2,183	2,183	2,085
Cowcod <sup>m</sup>	S of 40°10' N lat	113	80	80	68.8
Cowcod	(Conception)	94	69	NA	NA
Cowcod	(Monterey)	19	11	NA	NA
Darkblotched Rockfish <sup>n</sup>	Coastwide	856	785	785	761.2
Dover Sole <sup>o</sup>	Coastwide	63,834	59,685	50,000	48,402.9
English Sole <sup>p</sup>	Coastwide	11,133	9,018	9,018	8,758.5
Lingcod <sup>q</sup>	N of 40°10' N lat	5,010	4,378	4,378	4,098.4
Lingcod <sup>r</sup>	S of 40°10' N lat	846	739	726	710.5
Longnose Skate <sup>s</sup>	Coastwide	1,993	1,708	1,708	1,456.7
Longspine Thornyhead <sup>t</sup>	N of 34°27' N lat	4,616	3,019	2,295	2,241.3
Longspine Thornyhead <sup>u</sup>	S of 34°27' N lat			725	722.8
Pacific Cod <sup>v</sup>	Coastwide	3,200	1,926	1,600	1,094
Pacific Ocean Perch <sup>w</sup>	N of 40°10' N lat				
Pacific Whiting <sup>x</sup>	Coastwide	778,008	( <sup>x</sup> )	( <sup>x</sup> )	380,194
Petrale Sole <sup>y</sup>	Coastwide	3,763	3,485	3,485	3,098.8
Sablefish <sup>z</sup>	Coastwide	11,577	10,825		
Sablefish <sup>z</sup>	N of 36° N lat			8,486	See Table 1c
Sablefish <sup>aa</sup>	S of 36° N lat			2,338	2,310.6
Shortspine Thornyhead	Coastwide	3,177	2,078		
Shortspine Thornyhead <sup>bb</sup>	N of 34°27' N lat			1,359	1,280.7
Shortspine Thornyhead <sup>cc</sup>	S of 34°27' N lat			719	712.3
Spiny Dogfish <sup>dd</sup>	Coastwide	1,911	1,456	1,456	1,104.5
Splitnose <sup>ee</sup>	S of 40°10' N lat	1,803	1,592	1,592	1,573.4
Starry Flounder <sup>ff</sup>	Coastwide	652	392	392	343.7
Widow Rockfish <sup>gg</sup>	Coastwide	13,633	12,624	12,624	12,385.7
Yellowtail Rockfish <sup>hh</sup>	N of 40°10' N lat	6,178	5,666	5,666	4,638.5
<b>Stock Complexes</b>					
Blue/Deacon/Black Rockfish <sup>ii</sup>	Oregon	679	597	597	595.2
Cabazon/Kelp Greenling <sup>jj</sup>	Washington	202	185	185	184.2
Cabazon/Kelp Greenling <sup>kk</sup>	Oregon	25	20	20	18.0
Nearshore Rockfish North <sup>ll</sup>	N of 40°10' N lat	110	93	93	89.7
Nearshore Rockfish South <sup>mm</sup>	S of 40°10' N lat	1,089	897	887	882.5

Stocks	Area	OFL	ABC	ACL <sup>a</sup>	Fishery HG <sup>b</sup>
Other Fish <sup>nn</sup>	Coastwide	286	223	223	201.8
Other Flatfish <sup>oo</sup>	Coastwide	7,887	4,862	4,862	4,641
Shelf Rockfish North <sup>pp</sup>	N of 40°10' N lat	1,614	1,283	1,283	1,212.1
Shelf Rockfish South <sup>qq</sup>	S of 40°10' N lat	1,835	1,469	1,469	1,336.2
Slope Rockfish North <sup>rr</sup>	N of 40°10' N lat	1,819	1,540	1,540	1,474.6
Slope Rockfish South <sup>ss</sup>	S of 40°10' N lat	870	701	701	662.1

<sup>a</sup> Annual catch limits (ACLs), annual catch targets (ACTs) and harvest guidelines (HG) are specified as total catch values.

<sup>b</sup> Fishery HGs means the HG or quota after subtracting Pacific Coast treaty Indian tribes allocations and projected catch, projected research catch, deductions for fishing mortality in non-groundfish fisheries, and deductions for EFPs from the ACL or ACT.

<sup>c</sup> Yelloweye rockfish. The 66 mt ACL is based on the current rebuilding plan with a target year to rebuild of 2029 and an SPR harvest rate of 65 percent. 10.7 mt is deducted from the ACL to accommodate the Tribal fishery (5 mt), EFP fishing (0.12 mt), research catch (2.92 mt), and incidental open access mortality (2.66 mt) resulting in a fishery HG of 55.3 mt. The non-trawl HG is 50.9 mt. The combined non-nearshore/nearshore HG is 10.7 mt. Recreational HGs are: 13.2 mt (Washington); 11.7 mt (Oregon); and 15.3 mt (California). In addition, the non-trawl ACT is 39.9 mt, and the combined non-nearshore/nearshore ACT is 8.4 mt. Recreational ACTs are: 10.4 mt (Washington), 9.2 mt (Oregon), and 12.0 mt (California).

<sup>d</sup> Arrowtooth flounder. 2,094.98 mt is deducted from the ACL to accommodate the Tribal fishery (2,041 mt), research catch (12.98 mt) and incidental open access mortality (41 mt), resulting in a fishery HG of 16,537 mt.

<sup>e</sup> Big skate. 59.8 mt is deducted from the ACL to accommodate the Tribal fishery (15 mt), research catch (5.49 mt), and incidental open access mortality (39.31 mt), resulting in a fishery HG of 1,260.2 mt.

<sup>f</sup> Black rockfish (California). 2.26 mt is deducted from the ACL to accommodate EFP fishing (1.0 mt), research catch (0.08 mt), and incidental open access mortality (1.18 mt), resulting in a fishery HG of 332.1 mt.

<sup>g</sup> Black rockfish (Washington). 18.1 mt is deducted from the ACL to accommodate the Tribal fishery (18 mt) and research catch (0.1 mt), resulting in a fishery HG of 271.8 mt.

<sup>h</sup> Bocaccio south of 40°10' N lat Bocaccio are managed with stock-specific harvest specifications south of 40°10' N lat and within the Minor Shelf Rockfish complex north of 40°10' N lat. 48.12 mt is deducted from the ACL to accommodate EFP fishing (40 mt), research catch (5.6 mt), and incidental open access mortality (2.52 mt), resulting in a fishery HG of 1,793.9 mt. The California recreational fishery south of 40°10' N lat. Has an HG of 755.6 mt.



<sup>i</sup> Cabezon (California). 1.63 mt is deducted from the ACL to accommodate EFP fishing (1 mt), research catch (0.02 mt), and incidental open access fishery mortality (0.61 mt), resulting in a fishery HG of 180.4 mt.

<sup>j</sup> California scorpionfish south of 34°27' N lat. 3.89 mt is deducted from the ACL to accommodate research (0.18 mt) and the incidental open access fishery (3.71 mt), resulting in a fishery HG of 258.4 mt.

<sup>k</sup> Canary rockfish. 68.91 mt is deducted from the ACL to accommodate the Tribal fishery (50 mt), EFP fishing (6 mt), and research catch (10.08 mt), and incidental open access mortality (2.83 mt), resulting in a fishery HG of 1,215.1 mt. The combined nearshore/non-nearshore HG is 121.2 mt. Recreational HGs are: 41.4 mt (Washington); 62.3 mt (Oregon); and 111.7 mt (California).

<sup>l</sup> Chilipepper rockfish south of 40°10' N lat. Chilipepper are managed with stock-specific harvest specifications south of 40°10' N lat. And within the Minor Shelf Rockfish complex north of 40°10' N lat. 97.7 mt is deducted from the ACL to accommodate EFP fishing (70 mt), research catch (14.04 mt), incidental open access fishery mortality (13.66 mt), resulting in a fishery HG of 2,085 mt.

<sup>m</sup> Cowcod south of 40°10' N lat. Cowcod are managed with stock-specific harvest specifications south of 40°10' N lat. And within the Minor Shelf Rockfish complex north of 40°10' N lat. 11.17 mt is deducted from the ACL to accommodate EFP fishing (1 mt), research catch (10 mt), and incidental open access mortality (0.17 mt), resulting in a fishery HG of 68.8 mt.

<sup>n</sup> Darkblotched rockfish. 23.76 mt is deducted from the ACL to accommodate the Tribal fishery (5 mt), EFP fishing (0.5 mt), research catch (8.46 mt), and incidental open access mortality (9.8 mt) resulting in a fishery HG of 761.2 mt.

<sup>o</sup> Dover sole. 1,597.11 mt is deducted from the ACL to accommodate the Tribal fishery (1,497 mt), research catch (50.84 mt), and incidental open access mortality (49.27 mt), resulting in a fishery HG of 48,402.9 mt.

<sup>p</sup> English sole. 259.52 mt is deducted from the ACL to accommodate the Tribal fishery (200 mt), research catch (17 mt), and incidental open access mortality (42.52 mt), resulting in a fishery HG of 8,758.5 mt.

<sup>q</sup> Lingcod north of 40°10' N lat. 279.63 mt is deducted from the ACL for the Tribal fishery (250 mt), research catch (17.71 mt), and incidental open access mortality (11.92 mt) resulting in a fishery HG of 4,098.4 mt.

<sup>r</sup> Lingcod south of 40°10' N lat. 15.5 mt is deducted from the ACL to accommodate EFP fishing (4 mt), research catch (3.19 mt), and incidental open access mortality (8.31 mt), resulting in a fishery HG of 710.5 mt.

<sup>s</sup> Longnose skate. 251.3 mt is deducted from the ACL to accommodate the Tribal fishery (220 mt), research catch (12.46 mt), and incidental open access mortality (18.84 mt), resulting in a fishery HG of 1,456.7 mt.

<sup>†</sup> Longspine thornyhead north of 34°27' N lat. 53.71 mt is deducted from the ACL to accommodate the Tribal fishery (30 mt), research catch (17.49 mt), and incidental open access mortality (6.22 mt), resulting in a fishery HG of 2,241.3 mt.

<sup>‡</sup> Longspine thornyhead south of 34°27' N lat. 2.24 mt is deducted from the ACL to accommodate research catch (1.41 mt) and incidental open access mortality (0.83 mt), resulting in a fishery HG of 722.8 mt.

<sup>§</sup> Pacific cod. 506 mt is deducted from the ACL to accommodate the Tribal fishery (500 mt), research catch (5.47 mt), and incidental open access mortality (0.53 mt), resulting in a fishery HG of 1,094 mt.

<sup>¶</sup> Pacific ocean perch north of 40°10' N lat. Pacific ocean perch are managed with stock-specific harvest specifications north of 40°10' N lat. And within the Minor Slope Rockfish complex south of 40°10' N lat. 145.48 mt is deducted from the ACL to accommodate the Tribal fishery (130 mt), research catch (5.39 mt), and incidental open access mortality (10.09 mt), resulting in a fishery HG of 3,427.5 mt.

<sup>×</sup> Pacific hake/whiting. The 2023 OFL of 778,008 mt is based on the 2023 assessment with an F40 percent of FMSY proxy. The 2023 coastwide adjusted Total Allowable Catch (TAC) is 625,000 mt. The U.S. TAC is 73.88 percent of the coastwide TAC. The 2023 adjusted U.S. TAC is 461,750 mt. From the U.S. TAC, 80,806 mt is deducted to accommodate the Tribal fishery, and 750 mt is deducted to accommodate research and bycatch in other fisheries, resulting in a 2023 fishery HG of 380,194-mt. The TAC for Pacific whiting is established under the provisions of the Agreement between the Government of the United States of America and the Government of Canada on Pacific Hake/Whiting of 2003 and the Pacific Whiting Act of 2006, 16 U.S.C. 7001-7010, and the international exception applies. Therefore, no ABC or ACL values are provided for Pacific whiting.

<sup>‡</sup> Petrale sole. 386.24 mt is deducted from the ACL to accommodate the Tribal fishery (350 mt), EFP fishing (1 mt), research catch (24.14 mt), and incidental open access mortality (11.1 mt), resulting in a fishery HG of 3,098.8 mt.

<sup>z</sup> Sablefish north of 36° N lat. The sablefish coastwide ACL value is not specified in regulations. The coastwide sablefish ACL value is apportioned north and south of 36° N lat., using the rolling 5-year average estimated swept area biomass from the NMFS NWFSC trawl survey, with 78.4 percent apportioned north of 36° N lat. And 21.6 percent apportioned south of 36° N lat. The northern ACL is 8,486 mt and is reduced by 849 mt for the Tribal allocation (10 percent of the ACL north of 36° N lat.). The 849 mt Tribal allocation is reduced by 1.7 percent to account for discard mortality. Detailed sablefish allocations are shown in Table 1c.

<sup>aa</sup> Sablefish south of 36° N lat. The ACL for the area south of 36° N lat. Is 2,338 mt (21.6 percent of the calculated coastwide ACL value). 27.4 mt is deducted from the ACL to accommodate research catch (2.40 mt) and incidental open access mortality (25 mt), resulting in a fishery HG of 2,310.6 mt.

<sup>bb</sup> Shortspine thornyhead north of 34°27' N lat. 78.3 mt is deducted from the ACL to accommodate the Tribal fishery (50 mt), research catch (10.48 mt), and incidental open access mortality (17.82 mt), resulting in a fishery HG of 1,280.7 mt for the area north of 34°27' N lat.

<sup>cc</sup> Shortspine thornyhead south of 34°27' N lat. 6.71 mt is deducted from the ACL to accommodate research catch (0.71 mt) and incidental open access mortality (6 mt), resulting in a fishery HG of 712.3 mt for the area south of 34°27' N lat.

<sup>dd</sup> Spiny dogfish. 351.48 mt is deducted from the ACL to accommodate the Tribal fishery (275 mt), EFP fishing (1 mt), research catch (41.85 mt), and incidental open access mortality (33.63 mt), resulting in a fishery HG of 1,104.5 mt.

<sup>ee</sup> Splitnose rockfish south of 40°10' N lat. 18.42 mt is deducted from the ACL to accommodate EFP fishing (1.5 mt), research catch (11.17 mt), and incidental open access mortality (5.75 mt), resulting in a fishery HG of 1,573.4 mt.

<sup>ff</sup> Starry flounder. 48.28 mt is deducted from the ACL to accommodate the Tribal fishery (2 mt), research catch (0.57 mt), and incidental open access mortality (45.71 mt), resulting in a fishery HG of 343.7 mt.

<sup>gg</sup> Widow rockfish. 238.32 mt is deducted from the ACL to accommodate the Tribal fishery (200 mt), EFP fishing (18 mt), research catch (17.27 mt), and incidental open access mortality (3.05 mt), resulting in a fishery HG of 12,385.7 mt.

<sup>hh</sup> Yellowtail rockfish north of 40°10' N lat. Yellowtail rockfish are managed with stock-specific harvest specifications north of 40°10' N lat. And within the Minor Shelf Rockfish complex south of 40°10' N lat. 1,027.55 mt is deducted from the ACL to accommodate the Tribal fishery (1,000 mt), research catch (20.55 mt), and incidental open access mortality (7 mt), resulting in a fishery HG of 4,638.5 mt.

<sup>ii</sup> Black rockfish/Blue rockfish/Deacon rockfish (Oregon). 1.82 mt is deducted from the ACL to accommodate research catch (0.08 mt) and incidental open access mortality (1.74 mt), resulting in a fishery HG of 595.2 mt.

<sup>jj</sup> Cabezon/kelp greenling (Oregon). 0.79 mt is deducted from the ACL to accommodate research catch (0.05 mt), and incidental open access mortality (0.74 mt), resulting in a fishery HG of 184.2 mt.

<sup>kk</sup> Cabezon/kelp greenling (Washington). 2 mt is deducted from the ACL to accommodate the Tribal fishery, resulting in a fishery HG is 18 mt.

<sup>ll</sup> Nearshore Rockfish north of 40°10' N lat. 3.27 mt is deducted from the ACL to accommodate the Tribal fishery (1.5 mt), research catch (0.47 mt), and incidental open access mortality (1.3 mt), resulting in a fishery HG of 89.7 mt. State specific HGs are Washington (17.7 mt), Oregon (32.0 mt), and California (39.6 mt). The ACT for copper rockfish (California) is 6.93 mt. The ACT for quillback rockfish (California) is 0.87 mt.

<sup>mm</sup> Nearshore Rockfish south of 40°10' N lat. 4.54 mt is deducted from the ACL to accommodate research catch (2.68 mt) and incidental open access mortality (1.86 mt), resulting in a fishery HG of 882.5 mt. The ACT for copper rockfish is 84.61 mt. The ACT for quillback rockfish is 0.89 mt.

<sup>nn</sup> Other Fish. The Other Fish complex is comprised of kelp greenling off California and leopard shark coastwide. 21.24 mt is deducted from the ACL to accommodate research catch (6.29 mt) and incidental open access mortality (14.95 mt), resulting in a fishery HG of 201.8 mt.

<sup>oo</sup> Other Flatfish. The Other Flatfish complex is comprised of flatfish species managed in the PCGFMP that are not managed with stock-specific OFLs/ABCs/ACLs. Most of the species in the Other Flatfish complex are unassessed and include: butter sole, curlfin sole, flathead sole, Pacific sanddab, rock sole, sand sole, and rex sole. 220.79 mt is deducted from the ACL to accommodate the Tribal fishery (60 mt), research catch (23.63 mt), and incidental open access mortality (137.16 mt), resulting in a fishery HG of 4,641.2 mt.

<sup>pp</sup> Shelf Rockfish north of 40°10' N lat. 70.94 mt is deducted from the ACL to accommodate the Tribal fishery (30 mt), research catch (15.32 mt), and incidental open access mortality (25.62 mt), resulting in a fishery HG of 1,212.1 mt.

<sup>qq</sup> Shelf Rockfish south of 40°10' N lat. 132.77 mt is deducted from the ACL to accommodate EFP fishing (50 mt), research catch (15.1 mt), and incidental open access mortality (67.67 mt) resulting in a fishery HG of 1,336.2 mt.

<sup>rr</sup> Slope Rockfish north of 40°10' N lat. 65.39 mt is deducted from the ACL to accommodate the Tribal fishery (36 mt), and research catch (10.51 mt), and incidental open access mortality (18.88 mt), resulting in a fishery HG of 1,474.6 mt.

<sup>ss</sup> Slope Rockfish south of 40°10' N lat. 38.94 mt is deducted from the ACL to accommodate EFP fishing (1 mt), research catch (18.21 mt), and incidental open access mortality (19.73 mt), resulting in a fishery HG of 662.1 mt. Blackgill rockfish has a stock-specific HG for the entire groundfish fishery south of 40°10' N lat. Set equal to the species' contribution to the ACL. Harvest of blackgill rockfish in all groundfish fisheries south of 40°10' N lat. Counts against this HG of 172.4 mt.

[88 FR 34787, May 31, 2023]

**Table 1b to Part 660, Subpart C—2023, Allocations by Species or Species Group**

Table 1b to Part 660, Subpart C—2023, and Beyond, Allocations by Species or Species Group

[Weight in metric tons]

Stocks/stock complexes	Area	Fishery HG or ACT <sup>ab</sup>	Trawl		Non-trawl	
			%	Mt	%	Mt
YELLOWEYE ROCKFISH <sup>a</sup>	Coastwide	55.3	8	4.4	92	50.9
Arrowtooth flounder	Coastwide	16,537	95	15,710.2	5	826.9

Stocks/stock complexes	Area	Fishery HG or ACT <sup>ab</sup>	Trawl		Non-trawl	
			%	Mt	%	Mt
Big skate <sup>a</sup>	Coastwide	1,260.2	95	1,197.2	5	63
Bocaccio <sup>a</sup>	S of 40°10' N lat	1,793.9	39	700.3	61	1,093.5
Canary rockfish <sup>a</sup>	Coastwide	1,215.1	72.3	878.5	27.7	336.6
Chilipepper rockfish	S of 40°10' N lat	2,085	75	1,563.8	25	521.3
Cowcod <sup>a</sup>	S of 40°10' N lat	68.8	36	24.8	64	44.1
Darkblotched rockfish	Coastwide	761.2	95	723.2	5	38.1
Dover sole	Coastwide	48,402.8	95	45,982.7	5	2,420.1
English sole	Coastwide	8,758.5	95	8,320.6	5	437.9
Lingcod	N of 40°10' N lat	4,098.4	45	1,844.3	55	2,254.1
Lingcod <sup>a</sup>	S of 40°10' N lat	710.5	40	284.2	60	426.3
Longnose skate <sup>a</sup>	Coastwide	1,456.7	90	1,311	10	145.7
Longspine thornyhead	N of 34°27' N lat	2,241.3	95	2,129.2	5	112.1
Pacific cod	Coastwide	1,094	95	1,039.3	5	54.7
Pacific ocean perch	N of 40°10' N lat	3,427.5	95	3,256.1	5	171.4
Pacific whiting <sup>c</sup>	Coastwide	380,194	100	380,194	0	0
Petrале sole <sup>a</sup>	Coastwide	3,098.8		3,068.8		30
Sablefish	N of 36° N lat	NA	See Table 1c			
Sablefish	S of 36° N lat	2,310.6	42	970.5	58	1,340.1
Shortspine thornyhead	N of 34°27' N lat	1,280.7	95	1,216.7	5	64
Shortspine thornyhead	S of 34°27' N lat	712.3		50		662.3
Splitnose rockfish	S of 40°10' N lat	1,572.4	95	1,494.7	5	78.7
Starry flounder	Coastwide	343.7	50	171.9	50	171.9
Widow rockfish <sup>a</sup>	Coastwide	12,385.7		11,985.7		400
Yellowtail rockfish	N of 40°10' N lat	4,638.5	88	4,081.8	12	556.6
Other Flatfish	Coastwide	4,641.2	90	4,177.1	10	464.1
Shelf Rockfish <sup>a</sup>	N of 40°10' N lat	1,212.1	60.2	729.7	39.8	482.4
Shelf Rockfish <sup>a</sup>	S of 40°10' N lat	1,336.2	12.2	163	87.8	1,173.2
Slope Rockfish	N of 40°10' N lat	1,474.6	81	1,194.4	19	280.2
Slope Rockfish <sup>a</sup>	S of 40°10' N lat	662.1	63	417.1	37	245

<sup>a</sup> Allocations decided through the biennial specification process.

<sup>b</sup> The cowcod non-trawl allocation is further split 50:50 between the commercial and recreational sectors. This results in a sector-specific ACT of 22 mt for the commercial sector and 22 mt for the recreational sector.

<sup>c</sup> Consistent with regulations at § 660.55(i)(2), the commercial harvest guideline for Pacific whiting is allocated as follows: 34 percent for the C/P Co-op Program; 24 percent for the MS Co-op Program; and 42 percent for the Shorebased IFQ Program. No more than 5 percent of the Shorebased IFQ Program allocation may be taken and retained south of 42° N lat. Before the start of the primary Pacific whiting season north of 42° N lat.

*[88 FR 34790, May 31, 2023, as amended at 88 FR 81358, Nov. 22, 2023]*

**Table 1c to Part 660, Subpart C—Sablefish North of 36° N Lat. Allocations, 2023**

**Table 1c. to Part 660, Subpart C—Sablefish North of 36° N Lat. Allocations, 2023**

[Weight in metric tons]

Year	ACL	Set-asides		Recreational estimate	EFP	Commercial HG	Limited entry HG		Open access HG	
		Tribal <sup>a</sup>	Research				Percent	mt	Percent	mt <sup>b</sup>
2023	8,486	849	30.7	6	1	7,600	90.6	6,885	9.4	714
Year	LE all	Limited entry trawl <sup>c</sup>				Limited entry fixed gear <sup>d</sup>				
		All trawl	At-sea whiting	Shorebased IFQ		All FG	Primary		DTL	
2023	6,885	3,994	100	3,893.5		2,892	2,458		434	

<sup>a</sup> The tribal allocation is further reduced by 1.7 percent for discard mortality resulting in 834.6 mt in 2023.

<sup>b</sup> The open access HG is taken by the incidental OA fishery and the directed OA fishery.

<sup>c</sup> The trawl allocation is 58 percent of the limited entry HG.

<sup>d</sup> The limited entry fixed gear allocation is 42 percent of the limited entry HG.

[88 FR 12867, Mar. 1, 2023]



**Table 1d to Part 660, Subpart C—Whiting and non-whiting initial issuance allocation percentage for IFQ decided through the harvest specifications, 2011**

part C - Whiting and non-whiting initial issuance allocation through the harvest specifications, 2011

Allocation	Shorebased IFQ					
	At-sea Whiting set asides		Non-Whiting		Whiting	
	percent	mt	percent	mt	percent	mt
137	17.4 (10.2 catcher/processor + 7.2 mothership)	107	89.5% [Remaining]	107	10.5% (Greater of 17% or 30 mt to shorebased + at-sea whiting)	12.6
491	147.9 (86.7 catcher/processor + 61.2 mothership)	235	68.7% (Remaining)	235	31.3% (52% to shorebased + at-sea whiting)	107.1
401	300	2,801	90.3% (Remaining)	2,801	9.7% (300 mt)	300
265	14.5 (8.5 catcher/processors + 6 mothership)	240	95.8% (Remaining)	240	4.20% (Greater of 9% or 25 mt to shorebased + at-sea whiting)	10.5
377	na	377	100%	377	0.0%	0
557	35	431.2	82.6%	431.2	17.4%	90.8
86	na	86	100%	86	0.0%	0
4.1	8.2 (4.8 catcher/processor + 3.4 mothership)	20	77.2%	20	22.8%	5.9
60	na	60	100%	60	0.0%	0
1.8	na	1.8	100%	1.8	0.0%	0
0.6	0	0.6	100%	0.6	0.0%	0

[76 FR 27531, May 11, 2011. Redesignated at 84 FR 68806, Dec. 17, 2019]

**Table 2a to Part 660, Subpart C—2024, Specifications of OFL, ABC, ACL, ACT and Fishery Harvest Guidelines**

Table 2a to Part 660, Subpart C—2024, Specifications of OFL, ABC, ACL, ACT and Fishery Harvest Guidelines (Weights in Metric Tons). Capitalized Stocks Are Overfished

Stocks	Area	OFL	ABC	ACL <sup>a</sup>	Fishery HG <sup>b</sup>
YELLOWEYE ROCKFISH <sup>c</sup>	Coastwide	91	76	53.3	42.6
Arrowtooth Flounder <sup>d</sup>	Coastwide	20,459	14,178	14,178	12,083
Big Skate <sup>e</sup>	Coastwide	1,492	1,267	1,267	1,207.2
Black Rockfish <sup>f</sup>	California (S of 42° N lat.)	364	329	329	326.6
Black Rockfish <sup>g</sup>	Washington (N of 46°16' N lat.)	319	289	289	270.5
Bocaccio <sup>h</sup>	S of 40°10' N lat	2,002	1,828	1,828	1,779.9
Cabazon <sup>i</sup>	California (S of 42° N lat.)	185	171	171	169.4
California Scorpionfish <sup>j</sup>	S of 34°27' N lat	280	252	252	248
Canary Rockfish <sup>k</sup>	Coastwide	1,434	1,296	1,296	1,227.4
Chilipepper <sup>l</sup>	S of 40°10' N lat	2,346	2,121	2,121	2,023.4
Cowcod <sup>m</sup>	S of 40°10' N lat	112	79	79	67.8
Cowcod	(Conception)	93	67	NA	NA
Cowcod	(Monterey)	19	12	NA	NA
Darkblotched Rockfish <sup>n</sup>	Coastwide	857	782	782	758.7
Dover Sole <sup>o</sup>	Coastwide	55,859	51,949	50,000	48,402.9
English Sole <sup>p</sup>	Coastwide	11,158	8,960	8,960	8,700.5
Lingcod <sup>q</sup>	N of 40°10' N lat	4,455	3,854	3,854	3,574.4
Lingcod <sup>r</sup>	S of 40°10' N lat	855	740	722	706.5
Longnose Skate <sup>s</sup>	Coastwide	1,955	1,660	1,660	1,408.7
Longspine Thornyhead <sup>t</sup>	N of 34°27' N lat	4,433	2,846	2,162	2,108.3
Longspine Thornyhead <sup>u</sup>	S of 34°27' N lat	683	680.8		
Pacific Cod <sup>v</sup>	Coastwide	3,200	1,926	1,600	1,094
Pacific Ocean Perch <sup>w</sup>	N of 40°10' N lat	4,133	3,443	3,443	3,297.5
Pacific Whiting <sup>x</sup>	Coastwide	747,588	( <sup>x</sup> )	( <sup>x</sup> )	337,528.05
Petrals Sole <sup>y</sup>	Coastwide	3,563	3,285	3,285	2,898.8
Sablefish <sup>z</sup>	N of 36° N lat	10,670	9,923	7,730	See Table 2c.
Sablefish <sup>aa</sup>	S of 36° N lat			2,193	2,165.6
Shortspine Thornyhead <sup>bb</sup>	N of 34°27' N lat	3,162	2,030	1,328	1,249.7
Shortspine Thornyhead <sup>cc</sup>	S of 34°27' N lat			702	695.3
Spiny Dogfish <sup>dd</sup>	Coastwide	1,883	1,407	1,407	1,055.5
Splitnose <sup>ee</sup>	S of 40°10' N lat	1,766	1,553	1,553	1,534.3

Stocks	Area	OFL	ABC	ACL <sup>a</sup>	Fishery HG <sup>b</sup>
Starry Flounder <sup>ff</sup>	Coastwide	652	392	392	343.7
Widow Rockfish <sup>gg</sup>	Coastwide	12,453	11,482	11,482	11,243.7
Yellowtail Rockfish <sup>hh</sup>	N of 40°10' N lat	5,795	5,291	5,291	4,263.3
Stock Complexes					
Blue/Deacon/Black Rockfish <sup>ii</sup>	Oregon	671	594	594	592.2
Cabazon/Kelp Greenling <sup>jj</sup>	Washington	22	17	17	15
Cabazon/Kelp Greenling <sup>kk</sup>	Oregon	198	180	180	179.2
Nearshore Rockfish North <sup>ll</sup>	N of 40°10' N lat	109	91	91	87.7
Nearshore Rockfish South <sup>mm</sup>	S of 40°10' N lat	1,097	902	891	886.5
Other Fish <sup>nn</sup>	Coastwide	286	223	223	201.8
Other Flatfish <sup>oo</sup>	Coastwide	7,946	4,874	4,874	4,653.2
Shelf Rockfish North <sup>pp</sup>	N of 40°10' N lat	1,610	1,278	1,278	1,207
Shelf Rockfish South <sup>qq</sup>	S of 40°10' N lat	1,833	1,464	1,464	1,331.4
Slope Rockfish North <sup>rr</sup>	N of 40°10' N lat	1,797	1,516	1,516	1,450.6
Slope Rockfish South <sup>ss</sup>	S of 40°10' N lat	868	697	697	658.1

<sup>a</sup> Annual catch limits (ACLs), annual catch targets (ACTs) and harvest guidelines (HGs) are specified as total catch values.

<sup>b</sup> Fishery HGs means the HG or quota after subtracting Pacific Coast treaty Indian Tribes allocations and projected catch, projected research catch, deductions for fishing mortality in non-groundfish fisheries, and deductions for EFPs from the ACL or ACT.

<sup>c</sup> Yelloweye rockfish. The 53.3 mt ACL is based on the current rebuilding plan with a target year to rebuild of 2029 and an SPR harvest rate of 65 percent. 10.7 mt is deducted from the ACL to accommodate the Tribal fishery (5 mt), EFP fishing (0.12 mt), research catch (2.92 mt), and incidental open access mortality (2.66 mt) resulting in a fishery HG of 42.6 mt. The non-trawl HG is 39.2 mt. The combined non-nearshore/nearshore HG is 8.2 mt. Recreational HGs are: 10 mt (Washington); 9.1 mt (Oregon); and 11.8 mt (California). In addition, the non-trawl ACT is 30.7, and the combined non-nearshore/nearshore ACT is 6.4 mt. Recreational ACTs are: 7.9 mt (Washington), 7.2 (Oregon), and 9.3 mt (California).

<sup>d</sup> Arrowtooth flounder. 2,094.98 mt is deducted from the ACL to accommodate the Tribal fishery (2,041 mt), research catch (12.98 mt) and incidental open access mortality (41 mt), resulting in a fishery HG of 12,083 mt.

<sup>e</sup> Big skate. 59.8 mt is deducted from the ACL to accommodate the Tribal fishery (15 mt), research catch (5.49 mt), and incidental open access mortality (39.31 mt), resulting in a fishery HG of 1,207.2 mt.

<sup>f</sup> Black rockfish (California). 2.26 mt is deducted from the ACL to accommodate EFP fishing (1.0 mt), research catch (0.08 mt), and incidental open access mortality (1.18 mt), resulting in a fishery HG of 326.6 mt.

<sup>g</sup> Black rockfish (Washington). 18.1 mt is deducted from the ACL to accommodate the Tribal fishery (18 mt) and research catch (0.1 mt), resulting in a fishery HG of 270.5 mt.

<sup>h</sup> Bocaccio south of 40°10' N lat. Bocaccio are managed with stock-specific harvest specifications south of 40°10' N lat. and within the Minor Shelf Rockfish complex north of 40°10' N lat. 48.12 mt is deducted from the ACL to accommodate EFP fishing (40 mt), research catch (5.6 mt), and incidental open access mortality (2.52 mt), resulting in a fishery HG of 1,779.9 mt. The California recreational fishery south of 40°10' N lat. has an HG of 749.7 mt.

<sup>i</sup> Cabezon (California). 1.63 mt is deducted from the ACL to accommodate EFP fishing (1 mt), research catch (0.02 mt), and incidental open access mortality (0.61 mt), resulting in a fishery HG of 169.4 mt.

<sup>j</sup> California scorpionfish south of 34°27' N lat. 3.89 mt is deducted from the ACL to accommodate research catch (0.18 mt) and incidental open access mortality (3.71 mt), resulting in a fishery HG of 248 mt.

<sup>k</sup> Canary rockfish. 68.91 mt is deducted from the ACL to accommodate the Tribal fishery (50 mt), EFP fishing (6 mt), research catch (10.08 mt), and incidental open access mortality (2.83 mt), resulting in a fishery HG of 1,227.4 mt. The combined nearshore/non-nearshore HG is 122.4 mt. Recreational HGs are: 41.8 mt (Washington); 62.9 mt (Oregon); and 112.9 mt (California).

<sup>l</sup> Chilipepper rockfish south of 40°10' N lat. Chilipepper are managed with stock-specific harvest specifications south of 40°10' N lat. and within the Minor Shelf Rockfish complex north of 40°10' N lat. 97.7 mt is deducted from the ACL to accommodate EFP fishing (70 mt), research catch (14.04 mt), incidental open access mortality (13.66 mt), resulting in a fishery HG of 2,023.4 mt.

<sup>m</sup> Cowcod south of 40°10' N lat. Cowcod are managed with stock-specific harvest specifications south of 40°10' N lat. and within the Minor Shelf Rockfish complex north of 40°10' N lat. 11.17 mt is deducted from the ACL to accommodate EFP fishing (1 mt), research catch (10 mt), and incidental open access mortality (0.17 mt), resulting in a fishery HG of 67.8 mt.

<sup>n</sup> Darkblotched rockfish. 23.76 mt is deducted from the ACL to accommodate the Tribal fishery (5 mt), EFP fishing (0.5 mt), research catch (8.46 mt), and incidental open access mortality (9.8 mt) resulting in a fishery HG of 758.7 mt.

<sup>o</sup> Dover sole. 1,597.11 mt is deducted from the ACL to accommodate the Tribal fishery (1,497 mt), research catch (50.84 mt), and incidental open access mortality (49.27 mt), resulting in a fishery HG of 48,402.9 mt.

<sup>p</sup> English sole. 259.52 mt is deducted from the ACL to accommodate the Tribal fishery (200 mt), research catch (17 mt), and incidental open access mortality (42.52 mt), resulting in a fishery HG of 8,700.5 mt.

<sup>q</sup> Lingcod north of 40°10' N lat. 279.63 mt is deducted from the ACL for the Tribal fishery (250 mt), research catch (17.71 mt), and incidental open access mortality (11.92 mt) resulting in a fishery HG of 3,574.4 mt.

<sup>r</sup> Lingcod south of 40°10' N lat. 15.5 mt is deducted from the ACL to accommodate EFP fishing (4 mt), research catch (3.19 mt), and incidental open access mortality (8.31 mt), resulting in a fishery HG of 706.5 mt.

<sup>s</sup> Longnose skate. 251.3 mt is deducted from the ACL to accommodate the Tribal fishery (220 mt), and research catch (12.46 mt), and incidental open access mortality (18.84 mt), resulting in a fishery HG of 1,408.7 mt.

<sup>t</sup> Longspine thornyhead north of 34°27' N lat. 53.71 mt is deducted from the ACL to accommodate the Tribal fishery (30 mt), research catch (17.49 mt), and incidental open access mortality (6.22 mt), resulting in a fishery HG of 2,108.3 mt.

<sup>u</sup> Longspine thornyhead south of 34°27' N lat. 2.24 mt is deducted from the ACL to accommodate research catch (1.41 mt) and incidental open access mortality (0.83 mt), resulting in a fishery HG of 680.8 mt.

<sup>v</sup> Pacific cod. 506 mt is deducted from the ACL to accommodate the Tribal fishery (500 mt), research catch (5.47 mt), and incidental open access mortality (0.53 mt), resulting in a fishery HG of 1,094 mt.

<sup>w</sup> Pacific ocean perch north of 40°10' N lat. Pacific ocean perch are managed with stock-specific harvest specifications north of 40°10' N lat. and within the Minor Slope Rockfish complex south of 40°10' N lat. 145.48 mt is deducted from the ACL to accommodate the Tribal fishery (130 mt), EFP fishing, research catch (5.39 mt), and incidental open access mortality (10.09 mt), resulting in a fishery HG of 3,297.5 mt.

<sup>x</sup> Pacific hake/whiting. The 2024 OFL of 747,588 mt is based on the 2024 assessment with an F-40 percent of FMSY proxy. The 2024 coastwide adjusted Total Allowable Catch (TAC) is 555,000 mt. The U.S. TAC is 73.88 percent of the coastwide TAC. The 2024 adjusted U.S. TAC is 410,034 mt. From the U.S. TAC, 71,755.95 mt is deducted to accommodate the Tribal fishery, and 750 mt is deducted to accommodate research and bycatch in other fisheries, resulting in a 2024 fishery HG of 337,528.05 mt. The TAC for Pacific whiting is established under the provisions of the Agreement between the Government of the United States of America and the Government of Canada on Pacific Hake/Whiting of 2003 and the Pacific Whiting Act of 2006, 16 U.S.C. 7001-7010, and the international exception applies. Therefore, no ABC or ACL values are provided for Pacific whiting.

<sup>y</sup> Petrale sole. 386.24 mt is deducted from the ACL to accommodate the Tribal fishery (350 mt), EFP fishing (1 mt), research catch (24.14 mt), and incidental open access mortality (11.1 mt), resulting in a fishery HG of 2,898.8 mt.

<sup>z</sup> Sablefish north of 36° N lat. The sablefish coastwide ACL value is not specified in regulations. The sablefish coastwide ACL value is apportioned north and south of 36° N lat., using the rolling 5-year average estimated swept area biomass from the NMFS NWFSC trawl survey, with 77.9 percent apportioned north of 36° N lat. and 22.1 percent apportioned south of 36° N lat. The northern ACL is 7,730 mt and is reduced by 773 mt for the Tribal allocation (10 percent of the ACL north of 36° N lat.). The 773 mt Tribal allocation is reduced by 1.7 percent to account for discard mortality. Detailed sablefish allocations are shown in table 1c.

<sup>aa</sup> Sablefish south of 36° N lat. The ACL for the area south of 36° N lat. is 2,193 mt (22.1 percent of the calculated coastwide ACL value). 27.4 mt is deducted from the ACL to accommodate research catch (2.40 mt) and the incidental open access fishery (25 mt), resulting in a fishery HG of 2,165.6 mt.

<sup>bb</sup> Shortspine thornyhead north of 34°27' N lat. 78.3 mt is deducted from the ACL to accommodate the Tribal fishery (50 mt), research catch (10.48 mt), and incidental open access mortality (17.82 mt), resulting in a fishery HG of 1,249.7 mt for the area north of 34°27' N lat.

<sup>cc</sup> Shortspine thornyhead south of 34°27' N lat. 6.71 mt is deducted from the ACL to accommodate research catch (0.71 mt) and incidental open access mortality (6 mt), resulting in a fishery HG of 695.3 mt for the area south of 34°27' N lat.

<sup>dd</sup> Spiny dogfish. 351.48 mt is deducted from the ACL to accommodate the Tribal fishery (275 mt), EFP fishing (1 mt), research catch (41.85 mt), and incidental open access mortality (33.63 mt), resulting in a fishery HG of 1,055.5 mt.

<sup>ee</sup> Splitnose rockfish south of 40°10' N lat. Splitnose rockfish in the north is managed in the Slope Rockfish complex and with stock-specific harvest specifications south of 40°10' N lat. 18.42 mt is deducted from the ACL to accommodate EFP fishing (1.5 mt), research catch (11.17 mt), and incidental open access mortality (5.75 mt), resulting in a fishery HG of 1,534.3 mt.

<sup>ff</sup> Starry flounder. 48.28 mt is deducted from the ACL to accommodate the Tribal fishery (2 mt), research catch (0.57 mt), and incidental open access mortality (45.71 mt), resulting in a fishery HG of 343.7 mt.

<sup>gg</sup> Widow rockfish. 238.32 mt is deducted from the ACL to accommodate the Tribal fishery (200 mt), EFP fishing (18 mt), research catch (17.27 mt), and incidental open access mortality (3.05 mt), resulting in a fishery HG of 11,243.7 mt.

<sup>hh</sup> Yellowtail rockfish north of 40°10' N lat. Yellowtail rockfish are managed with stock-specific harvest specifications north of 40°10' N lat. and within the Minor Shelf Rockfish complex south of 40°10' N lat. 1,027.55 mt is deducted from the ACL to accommodate the Tribal fishery (1,000 mt), research catch (20.55 mt), and incidental open access mortality (7 mt), resulting in a fishery HG of 4,263.3 mt.

<sup>ii</sup> Black rockfish/Blue rockfish/Deacon rockfish (Oregon). 1.82 mt is deducted from the ACL to accommodate research catch (0.08 mt), and incidental open access mortality (1.74 mt), resulting in a fishery HG of 592.2 mt.

<sup>jj</sup> Cabezon/kelp greenling (Washington). 2 mt is deducted from the ACL to accommodate the Tribal fishery, resulting in a fishery HG is 15 mt.

<sup>kk</sup> Cabezon/kelp greenling (Oregon). 0.79 mt is deducted from the ACL to accommodate research catch (0.05 mt) and incidental open access mortality (0.74 mt), resulting in a fishery HG of 179.2 mt.

<sup>ll</sup> Nearshore Rockfish north of 40°10' N lat. 3.27 mt is deducted from the ACL to accommodate the Tribal fishery (1.5 mt), research catch (0.47 mt), and incidental open access mortality (1.31 mt), resulting in a fishery HG of 87.7 mt. State-specific HGs are 17.2 mt (Washington), 30.9 mt (Oregon), and 39.9 mt (California). The ACT for copper rockfish (California) is 6.99 mt. The ACT for quillback rockfish (California) is 0.96 mt.

<sup>mmm</sup> Nearshore Rockfish south of 40°10' N lat. 4.54 mt is deducted from the ACL to accommodate research catch (2.68 mt) and incidental open access mortality (1.86 mt), resulting in a fishery HG of 886.5 mt. The ACT for copper rockfish is 87.73 mt. The ACT for quillback rockfish is 0.97 mt.

<sup>nn</sup> Other Fish. The Other Fish complex is comprised of kelp greenling off California and leopard shark coastwide. 21.24 mt is deducted from the ACL to accommodate research catch (6.29 mt) and incidental open access mortality (14.95 mt), resulting in a fishery HG of 201.8 mt.

<sup>oo</sup> Other Flatfish. The Other Flatfish complex is comprised of flatfish species managed in the PCGFMP that are not managed with stock-specific OFLs/ABCs/ACLs. Most of the species in the Other Flatfish complex are unassessed and include: butter sole, curlfin sole, flathead sole, Pacific sanddab, rock sole, sand sole, and rex sole. 220.79 mt is deducted from the ACL to accommodate the Tribal fishery (60 mt), research catch (23.63 mt), and incidental open access mortality (137.16 mt), resulting in a fishery HG of 4,653.2 mt.

<sup>pp</sup> Shelf Rockfish north of 40°10' N lat. 70.94 mt is deducted from the ACL to accommodate the Tribal fishery (30 mt), research catch (15.32 mt), and incidental open access mortality (25.62 mt), resulting in a fishery HG of 1,207.1 mt.

<sup>qq</sup> Shelf Rockfish south of 40°10' N lat. 132.77 mt is deducted from the ACL to accommodate EFP fishing (50 mt), research catch (15.1 mt), and incidental open access mortality (67.67 mt) resulting in a fishery HG of 1,331.4 mt.

<sup>rr</sup> Slope Rockfish north of 40°10' N lat. 65.39 mt is deducted from the ACL to accommodate the Tribal fishery (36 mt), research catch (10.51 mt), and incidental open access mortality (18.88 mt), resulting in a fishery HG of 1,450.6 mt.

<sup>ss</sup> Slope Rockfish south of 40°10' N lat. 38.94 mt is deducted from the ACL to accommodate EFP fishing (1 mt), research catch (18.21 mt), and incidental open access mortality (19.73 mt), resulting in a fishery HG of 658.1 mt. Blackgill rockfish has a stock-specific HG for the entire groundfish fishery south of 40°10' N lat. set equal to the species' contribution to the 40-10-adjusted ACL. Harvest of blackgill rockfish in all groundfish fisheries south of 40°10' N lat. counts against this HG of 169.9 mt.

[89 FR 52403, June 24, 2024]

## **Table 2b to Part 660, Subpart C—2024, and Beyond, Allocations by Species or Species Group**

Table 2b to Part 660, Subpart C—2024, and Beyond, Allocations by Species or Species Group



[Weight in metric tons (mt)]

Stocks/stock complexes	Area	Fishery HG or ACT <sup>ab</sup>	Trawl		Non-Trawl	
			%	Mt	%	Mt
YELLOWEYE ROCKFISH <sup>a</sup>	Coastwide	42.6	8	3.41	92	39.2
Arrowtooth flounder	Coastwide	12,083	95	11,478.9	5	604.2
Big skate <sup>a</sup>	Coastwide	1,207.2	95	1,146.8	5	60.4
Bocaccio <sup>a</sup>	S of 40°10' N lat	1,779.9	39.04	694.9	60.96	1,085
Canary rockfish <sup>a</sup>	Coastwide	1,227.4	72.3	887.4	27.7	340
Chilipepper rockfish	S of 40°10' N lat	2,023.4	75	1,517.6	25	505.9
Cowcod <sup>ab</sup>	S of 40°10' N lat	67.8	36	24.4	64	43.4
Darkblotched rockfish	Coastwide	758.7	95	720.8	5	37.9
Dover sole	Coastwide	48,402.9	95	45,982.7	5	2,420.1
English sole	Coastwide	8,700.5	95	8,265.5	5	435
Lingcod	N of 40°10' N lat	3,574.4	45	1,608.5	55	1,965.9
Lingcod <sup>a</sup>	S of 40°10' N lat	706.5	40	282.6	60	423.9
Longnose skate <sup>a</sup>	Coastwide	1,408.7	90	1,267.8	10	140.9
Longspine thornyhead	N of 34°27' N lat	2,108.3	95	2,002.9	5	105.4
Pacific cod	Coastwide	1,094	95	1,039.3	5	54.7
Pacific ocean perch	N of 40°10' N lat	3,297.5	95	3,132.6	5	164.9
Pacific whiting <sup>c</sup>	Coastwide	337,528.05	100	337,528.05	0	0
Petrale sole <sup>a</sup>	Coastwide	2,898.8		2,868.8		30
Sablefish	N of 36° N lat	NA	See Table 2c			
Sablefish	S of 36° N lat	2,165.6	42	909.6	58	1,256.0
Shortspine thornyhead	N of 34°27' N lat	1,249.7	95	1,187.2	5	62.5
Shortspine thornyhead	S of 34°27' N lat	695.3		50		645.3
Splitnose rockfish	S of 40°10' N lat	1,534.3	95	1,457.6	5	76.7
Starry flounder	Coastwide	343.7	50	171.9	50	171.9
Widow rockfish <sup>a</sup>	Coastwide	11,243.7		10,843.7		400
Yellowtail rockfish	N of 40°10' N lat	4,263.3	88	3,751.7	12	511.6
Other Flatfish	Coastwide	4,653.2	90	4,187.9	10	465.3
Shelf Rockfish <sup>a</sup>	N of 40° 10' N lat	1,207.1	60.2	726.7	39.8	480.4
Shelf Rockfish <sup>a</sup>	S of 40° 10' N lat	1,331.4	12.2	162.43	87.8	1,169.0
Slope Rockfish	N of 40° 10' N lat	1,450.6	81	1,175.0	19	275.6
Slope Rockfish <sup>a</sup>	S of 40° 10' N lat	658.1	63	414.6	37	243.5

<sup>a</sup> Allocations decided through the biennial specification process.

<sup>b</sup> The cowcod non-trawl allocation is further split 50:50 between the commercial and recreational sectors. This results in a sector-specific ACT of 21.7 mt for the commercial sector and 21.7 mt for the recreational sector.

<sup>c</sup> Consistent with regulations at § 660.55(i)(2), the commercial harvest guideline for Pacific whiting is allocated as follows: 34 percent for the C/P Co-op Program; 24 percent for the MS Co-op Program; and 42 percent for the Shorebased IFQ Program. No more than 5 percent of the Shorebased IFQ Program allocation may be taken and retained south of 42° N lat. before the start of the primary Pacific whiting season north of 42° N lat.

[89 FR 52405, June 24, 2024]

**Table 2c to Part 660, Subpart C—Sablefish North of 36° N. Lat. Allocations, 2024 and Beyond**

**Table 2c to Part 660, Subpart C—Sablefish North of 36° N Lat. Allocations, 2024 and Beyond**

**Table 2c. to Part 660, Subpart C—Sablefish North of 36° N Lat. Allocations, 2024 and Beyond**

[Weights in metric tons]

Year	ACL	Set-asides		Recreational estimate	Exempted fishing permit	Commercial harvest guideline (HG)	Limited entry HG		Open access HG	
		Tribal <sup>a</sup>	Research				Percent	mt	Percent	m <sup>b</sup>
2024	7,730	773	30.7	6	1	6,919	90.6	6,269	9.4	650
Year	LE all	Limited entry (LE) trawl <sup>c</sup>				LE fixed gear (FG) <sup>d</sup>				
		All trawl	At-sea whiting	Shorebased IFQ		All FG	Primary		Daily trip limit	
2024	6,269	3,636	100	3,536	2,633	2,238		395		

<sup>a</sup> The tribal allocation is further reduced by 1.7 percent for discard mortality resulting in 759.9 mt in 2024.

<sup>b</sup> The open access HG is taken by the incidental OA fishery and the directed OA fishery.

<sup>c</sup> The trawl allocation is 58 percent of the limited entry HG.

<sup>d</sup> The limited entry fixed gear allocation is 42 percent of the limited entry HG.

[88 FR 89315, Dec. 27, 2023]

**Table 3 to Part 660, Subpart C—Vessel Capacity Ratings for West Coast Groundfish Limited Entry Permits**

Vessel length	Capacity rating
<20	1.00
21	1.13
22	1.27
23	1.42
24	1.58
25	1.75
26	1.93
27	2.12
28	2.32
29	2.53
30	2.76
31	2.99
32	3.24
33	3.50
34	3.77
35	4.05
36	4.35
37	4.66
38	4.98
39	5.31
40	5.66
41	6.02
42	6.39
43	6.78
44	7.18
45	7.59
46	8.02
47	8.47
48	8.92
49	9.40
50	9.88
51	10.38
52	10.90
53	11.43
54	11.98

Vessel length	Capacity rating
55	12.54
56	13.12
57	13.71
58	14.32
59	14.95
60	15.59
61	16.25
62	16.92
63	17.61
64	18.32
65	19.04
66	19.78
67	20.54
68	21.32
69	22.11
70	22.92
71	23.74
72	24.59
73	25.45
74	26.33
75	27.23
76	28.15
77	29.08
78	30.04
79	31.01
80	32.00
81	33.01
82	34.04
83	35.08
84	36.15
85	37.24
86	38.34
87	39.47
88	40.61
89	41.77
90	42.96
91	44.16
92	45.38
93	46.63
94	47.89

Vessel length	Capacity rating
95	49.17
96	50.48
97	51.80
98	53.15
99	54.51
100	55.90
101	57.31
102	58.74
103	60.19
104	61.66
105	63.15
106	64.67
107	66.20
108	67.76
109	69.34
110	70.94
111	72.57
112	74.21
113	75.88
114	77.57
115	79.28
116	81.02
117	82.77
118	84.55
119	86.36
120	88.18
121	90.03
122	91.90
123	93.80
124	95.72
125	97.66
126	99.62
127	101.61
128	103.62
129	105.66
130	107.72
131	109.80
132	111.91
133	114.04
134	116.20

Vessel length	Capacity rating
135	118.38
136	120.58
137	122.81
138	125.06
139	127.34
140	129.64
141	131.97
142	134.32
143	136.70
144	139.10
145	141.53
146	143.98
147	146.46
148	148.96
149	151.49
150	154.05
151	154.68
152	155.31
153	155.94
154	156.57
155	157.20
156	157.83
157	158.46
158	159.10
159	159.73
160	160.36
161	160.99
162	161.62
163	162.25
164	162.88
165	163.51
166	164.14
167	164.77
168	165.41
169	166.04
170	166.67
171	167.30
172	167.93
173	168.56
174	169.19

Vessel length	Capacity rating
175	169.82
176	170.45
177	171.08
178	171.72
179	172.35
180	172.98
181	173.61
182	174.24
183	174.87
184	175.50
185	176.13
186	176.76
187	177.40
188	178.03
189	178.66
190	179.29
191	179.92
192	180.55
193	181.18
194	181.81
195	182.44
196	183.07
197	183.71
198	184.34
199	184.97
200	185.60
201	186.23
202	186.86
203	187.49
204	188.12
205	188.75
206	189.38
207	190.02
208	190.65
209	191.28
210	191.91
211	192.54
212	193.17
213	193.80
214	194.43



Vessel length	Capacity rating
215	195.06
216	195.69
217	196.33
218	196.96
219	197.59
220	198.22
221	198.85
222	199.48
223	200.11
224	200.74
225	201.37
226	202.01
227	202.64
228	203.27
229	203.90
230	204.53
231	205.16
232	205.79
233	206.42
234	207.05
235	207.68
236	208.32
237	208.95
238	209.58
239	210.21
240	210.84
241	211.47
242	212.10
243	212.73
244	213.36
245	213.99
246	214.63
247	215.26
248	215.89
249	216.52
250	217.15
251	217.78
252	218.41
253	219.04
254	219.67

Vessel length	Capacity rating
255	220.30
256	220.94
257	221.57
258	222.20
259	222.83
260	223.46
261	224.09
262	224.72
263	225.35
264	225.98
265	226.61
266	227.25
267	227.88
268	228.51
269	229.14
270	229.77
271	230.40
272	231.03
273	231.66
274	232.29
275	232.93
276	233.56
277	234.19
278	234.82
279	235.45
280	236.08
281	236.71
282	237.34
283	237.97
284	238.60
285	239.24
286	239.87
287	240.50
288	241.13
289	241.76
290	242.39
291	243.02
292	243.65
293	244.28
294	244.91

Vessel length	Capacity rating
295	245.55
296	246.18
297	246.81
298	247.44
299	248.07
300	248.70
301	249.33
302	249.96
303	250.59
304	251.22
305	251.86
306	252.49
307	253.12
308	253.75
309	254.38
310	255.01
311	255.64
312	256.27
313	256.90
314	257.54
315	258.17
316	258.80
317	259.43
318	260.06
319	260.69
320	261.32
321	261.95
322	262.58
323	263.21
324	263.85
325	264.48
326	265.11
327	265.74
328	266.37
329	267.00
330	267.63
331	268.26
332	268.89
333	269.52
334	270.16

Vessel length	Capacity rating
335	270.79
336	271.42
337	272.05
338	272.68
339	273.31
340	273.94
341	274.57
342	275.20
343	275.83
344	276.47
345	277.10
346	277.73
347	278.36
348	278.99
349	279.62
350	280.25
351	280.88
352	281.51
353	282.14
354	282.78
355	283.41
356	284.04
357	284.67
358	285.30
359	285.93
360	286.56
361	287.19
362	287.82
363	288.46
364	289.09
365	289.72
366	290.35
367	290.98
368	291.61
369	292.24
370	292.87
371	293.50
372	294.13
373	294.77
374	295.40

Vessel length	Capacity rating
375	296.03
376	296.66
377	297.29
378	297.92
379	298.55
380	299.18
381	299.81
382	300.44
383	301.08
384	301.71
385	302.34
386	302.97
387	303.60
388	304.23
389	304.86
390	305.49
391	306.12
392	306.75
393	307.39
394	308.02
395	308.65
396	309.28
397	309.91
398	310.54
399	311.17
>400	311.80

[61 FR 34572, July 2, 1996. Redesignated at 75 FR 60995, Oct. 1, 2010]

### Subpart D—West Coast Groundfish—Limited Entry Trawl Fisheries

**Source:** 75 FR 60897, Oct. 1, 2010, unless otherwise noted.

#### § 660.100 Purpose and scope.

This subpart applies to the Pacific coast groundfish limited entry trawl fishery. Under the trawl rationalization program, the limited entry trawl fishery consists of the Shorebased IFQ Program, the MS Co-op Program, and the C/P Co-op Program. Nothing in these regulations shall be construed to modify, impair, or supersede the operation of any of the antitrust laws. The trawl rationalization program creates limited access privileges. These limited access privileges, including the QS or IBQ, QP or IBQ pounds, and catch history assignments, may be revoked, limited or modified at any time in accordance with the MSA—and do not create any right of compensation to the holder of the limited access privilege if it is revoked, limited, or modified. The trawl rationalization program does not create any