

## ~~Fishery Conservation and Management~~

## ~~§ 660.11~~

~~660.716 Surface hook and line fishery. [Reserved]  
660.717 Framework for revising regulations.  
660.718 Exempted fishing.  
660.719 Scientific observers.  
660.720 Interim protection for sea turtles.  
660.721 Recreational fishing bag limits and filleting requirements.~~

~~AUTHORITY: 16 U.S.C. 1801 et seq., 16 U.S.C. 773 et seq., and 16 U.S.C. 7001 et seq.~~

~~SOURCE: 61 FR 34572, July 2, 1996, unless otherwise noted.~~

~~EDITORIAL NOTE: Nomenclature changes to part 660 appear at 67 FR 65906, Oct. 29, 2002.~~

### ~~Subpart A—General~~

#### ~~§ 660.1 Purpose and scope.~~

~~(a) The regulations in this part govern fishing for West Coast fishery management unit species by vessels of the United States that operate or are based inside the outer boundary of the EEZ off West Coast States.~~

~~(b) General regulations governing fishing by all vessels of the United States and by fishing vessels other than vessels of the United States are contained in part 600 of this chapter.~~

~~(c) Regulations governing the harvest, possession, landing, purchase, and sale of shark fins are found at part 600, subpart N, of this chapter.~~

~~[61 FR 34572, July 2, 1996, as amended at 67 FR 6201, Feb. 11, 2002; 69 FR 53362, Sept. 1, 2004; 71 FR 17989, Apr. 10, 2006]~~

#### ~~§ 660.2 Relation to other laws.~~

~~(a) NMFS recognizes that any state law pertaining to vessels registered under the laws of that state while operating in the fisheries regulated under this part, and that is consistent with this part and the FMPs implemented by this part, shall continue in effect with respect to fishing activities regulated under this part.~~

~~(b) Fishing activities addressed by this Part may also be subject to regulation under 15 CFR part 922, subpart G, if conducted in the Channel Islands National Marine Sanctuary.~~

~~[72 FR 29235, May 24, 2007]~~

#### ~~§ 660.3 Reporting and recordkeeping.~~

~~Any person who is required to do so by applicable state law or regulation must make and/or file all reports of~~

~~management unit species landings containing all data and in the exact manner required by applicable state law or regulation.~~

~~[71 FR 17989, Apr. 10, 2006]~~

### ~~Subpart B [Reserved]~~

### ~~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.

*Base permit*, with respect to a limited entry permit stacking program, means a 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<sub>MSY</sub>* 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

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estimated recreational catch. Limited entry and open access allocations are derived from the commercial harvest guideline.

*Conservation area(s)* means either a Groundfish Conservation Area (GCA), an Essential Fish Habitat Conservation Area (EFHCA), or both.

(1) *Groundfish Conservation Area or GCA* means a geographic area defined by coordinates expressed in degrees latitude and longitude, wherein fishing by a particular gear type or types may be prohibited. Regulations at §660.60(c)(3) describe the various purposes for which these GCAs may be implemented. Regulations at §660.70 define coordinates for these polygonal GCAs: Yelloweye Rockfish Conservation Areas, Cowcod Conservation Areas, waters encircling the Farallon Islands, and waters encircling the Cordell Banks. GCAs also include Bycatch Reduction Areas or BRAs and Rockfish Conservation Areas or RCAs, which are areas closed to fishing by particular gear types, bounded by lines approximating particular depth contours. RCA boundaries may and do change seasonally according to conservation needs. Regulations at §§660.70 through 660.74 define RCA boundary lines with latitude/longitude coordinates; regulations at Tables 1 (North) and 1 (South) of subpart D, Tables 2 (North) and 2 (South) of subpart E, and Tables 3 (North) and 3 (South) of subpart F set RCA seasonal boundaries. Fishing prohibitions associated with GCAs are in addition to those associated with EFH Conservation Areas.

(2) *Essential Fish Habitat Conservation Area or EFHCA* means a geographic area defined by coordinates expressed in degrees latitude and longitude, wherein fishing by a particular gear type or types may be prohibited. EFHCAs are created and enforced for the purpose of contributing to the protection of West Coast groundfish essential fish habitat. Regulations at §§660.75, through 660.79, Subpart C define EFHCA boundary lines with latitude/longitude coordinates. Fishing prohibitions associated with EFHCAs, which are found at §660.12, subpart C, are in addition to those associated with GCAs.

*Continuous transiting or transit through* means that a fishing vessel crosses a groundfish conservation area or EFH conservation area on a constant heading, along a continuous straight line course, while making way by means of a source of power at all times, other than drifting by means of the prevailing water current or weather conditions.

*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 software program or data files meeting data export specifications approved by NMFS 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)

*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, bot-

tom 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.

(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.

(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.

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(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. Minimum mesh size means the smallest distance allowed between the inside of one knot to the inside of the opposing knot, regardless of twine size.

(8) *Nontrawl gear* means all legal commercial groundfish gear other than trawl gear.

(9) *Speare* 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 di-

ameter 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 attached to the codend of a trawl net to protect the codend from wear.

(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.

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(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.

*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.

*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*.

(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* and the following nearshore rockfish species managed in "minor rockfish" complexes:

(A) North of 40°10' N. lat.: 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*; gopher rockfish, *S. carnatus*; grass rockfish, *S. rastrelliger*; kelp rockfish, *S. atrovirens*; olive rockfish, *S. serranoides*; quillback rockfish, *S. maliger*; treefish, *S. serriceps*.

(B) South of 40°10' N. lat., 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*; olive

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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. crameri*; 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*), leopard

shark (*Trakis semifasciata*), and cabezon (*Scorpaenichthys marmoratus*) in waters off Washington.

(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; all grenadiers listed here in paragraph (5); soupfin shark; ratfish; and finescale codling.

*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.

*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 per-

mit 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



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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'

Point	N. Lat.	W. Long.
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.

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(xviii) Point Arena, CA—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.

*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.

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*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

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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.

*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)

*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* is the practice of registering more than one 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 par-

ticular 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* means

(1) For the purpose of allocations at § 660.55, subpart C, trawl fishery means the groundfish limited entry trawl fishery.

(2) For the purposes of all other management measures in subparts C through G of this part, trawl fishery means any fishery using trawl gear as defined under the definition of fishing gear in this section.

*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

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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.

*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.

[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]

### § 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 species (defined in §660.11, subpart C and restricted in §660.60(e), subpart C) caught by means of fishing gear authorized under this subpart, unless authorized by part 600 or part 300 of this chapter. Prohibited 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, 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

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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 a vessel is participating in the primary Pacific whiting fishery as part of the mothership or catcher/processor sectors.

(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 in the catcher/processor or mothership sectors of the Pacific whiting fishery.

(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 from a member of a Pacific Coast treaty Indian tribe fishing under § 660.50, subpart C.

(b) *Reporting and Recordkeeping.* (1) Falsify or fail to make and/or file, retain or make available any and all reports of groundfish landings, con-

taining 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.

(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

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(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.

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(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]

### § 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.

(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*—(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)(5)(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.

(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)(5)(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)(5)(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 for tribal vessels using trawl gear.* The operator of any tribal vessel using trawl gear must provide NMFS with a declaration report, as specified at paragraph (d)(5)(iv) of this section, before the vessel leaves port on a trip in which fishing occurs within the trawl RCA.

(5) *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) The vessel operator must send a new declaration report before leaving port on a trip in which a gear type that is different from the gear type most recently declared for the vessel will be used. A declaration report will be valid until another declaration report revising the existing gear declaration is received by NMFS OLE.

(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 other than a gear type declared by the vessel.



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(iv) Declaration reports will include: The vessel name and/or identification number, and gear type (as defined in paragraph (d)(5)(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 nontrawl gear may declare more than one gear type with the exception of vessels participating in the Shorebased IFQ Program (i.e. gear switching), however, vessels using trawl gear may only declare one of the trawl gear types listed in paragraph (d)(5)(iv)(A) of this section on any trip and may not declare nontrawl gear on the same trip in which trawl gear is declared.

(A) One of the following gear types or sectors must be declared:

- (1) Limited entry fixed gear, not including shorebased IFQ,
- (2) Limited entry groundfish non-trawl, shorebased IFQ,
- (3) Limited entry midwater trawl, non-whiting shorebased IFQ,
- (4) Limited entry midwater trawl, Pacific whiting shorebased IFQ,
- (5) Limited entry mid water trawl, Pacific whiting catcher/processor sector,
- (6) Limited entry midwater trawl, Pacific whiting mothership sector (catcher vessel or mothership),
- (7) Limited entry bottom trawl, shorebased IFQ, not including demersal trawl,
- (8) Limited entry demersal trawl, shorebased IFQ,
- (9) Non-groundfish trawl gear for pink shrimp,
- (10) Non-groundfish trawl gear for ridgeback prawn,
- (11) Non-groundfish trawl gear for California halibut,
- (12) Non-groundfish trawl gear for sea cucumber,
- (13) Open access longline gear for groundfish,
- (14) Open access Pacific halibut longline gear,
- (15) Open access groundfish trap or pot gear,

(16) Open access Dungeness crab trap or pot gear,

(17) Open access prawn trap or pot gear,

(18) Open access sheephead trap or pot gear,

(19) Open access line gear for groundfish,

(20) Open access HMS line gear,

(21) Open access salmon troll gear,

(22) Open access California Halibut line gear,

(23) Open access Coastal Pelagic Species net gear,

(24) Other gear, or

(25) Tribal trawl.

(26) Open access California gillnet complex gear.

(B) [Reserved]

[75 FR 60897, Oct. 1, 2010, as amended at 75 FR 78374, Dec. 15, 2010; 76 FR 74733, Dec. 1, 2011]

### § 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?*

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(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 Northwest, VMS Program Manager upon request at 7600 Sand Point Way NE., Seattle, WA 98115-6349, phone: (206) 526-6133.

(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, Northwest OLE VMS Program Manager upon request at 7600 Sand Point Way NE., Se-

attle, WA 98115-6349, phone: (206) 526-6133. 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) *Transceiver unit operation.* 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. The mobile transceiver unit must transmit a signal accurately indicating the vessel's position at least once every hour, 24 hours a day,

throughout the year unless a valid exemption report, as described in paragraph (b)(4) of this section, has been received by NMFS OLE. Less frequent position reporting at least once every four hours is authorized when a vessel remains in port for an extended period of time, but the mobile transceiver unit must remain in continuous operation at all times unless the vessel is exempted under this section.

(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)(vii) 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 to fish 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) 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)(3) of this section 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) *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.

(vi) *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. 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 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 obtain information needed to make exemption reports. NMFS OLE must be contacted during business hours (Monday through Friday between 0800 and 1700 Pacific Time).

(vii) *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 (iv) 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 resumes fishing for any species of fish 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 OLE at 7600 Sand Point Way NE, Seattle, WA 98115-6349, phone: (206) 526-6133 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]

#### § 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, computer hardware for electronic fish ticket software, 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 available the records upon request of NMFS staff or authorized officer.

(b) *Scales used to weigh catch at sea—performance and technical requirements.*

(1) *Scales approved by NMFS for MS and C/P Coop Programs.* A scale used to weigh catch in the MS and C/P Coop Programs must meet the type evaluation and initial inspection requirements set forth in 50 CFR 679.28(b)(1) and (2), and must be approved by NMFS.

(2) *Annual inspection.* Once a scale is installed on a vessel and approved by NMFS for use, it must be inspected annually as described in 50 CFR 679.28(b).

(3) *Daily testing.* The vessel operator must ensure that the vessel crew test each required scale daily and ensure that each scale meets the maximum permissible error (MPE) requirements described at paragraph (b)(4) of this section.

(4) *At-sea scale tests.* To verify that the scale meets the maximum permissible errors (MPEs) specified in this paragraph, the vessel operator must ensure that vessel crew test each scale

used to weigh catch at least one time during each 24-hour period when use of the scale is required. The vessel owner must ensure that these tests are performed in an accurate and timely manner.

(i) *Belt scales.* The MPE for the daily at-sea scale test is plus or minus 3 percent of the known weight of the test material. The scale must be tested by weighing at least 400 kg (882 lb) of fish or an alternative material supplied by the scale manufacturer on the scale under test. The known weight of the fish or test material must be determined by weighing it on a platform scale approved for use under 50 CFR 679.28(b)(7).

(ii) *Platform scales used for observer sampling on MSs and C/Ps.* 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. The MPE for the daily at-sea scale test is plus or minus 0.5 percent.

(iii) *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.

(iv) *Requirements for all at-sea scale tests.* The vessel operator must ensure that vessel crew:

(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 and record 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;
- (4) Known weight of test weights;
- (5) Weight of test weights recorded by scale;
- (6) Percent error as determined by subtracting the known weight of the test weights from the weight recorded on the scale, dividing that amount by the known weight of the test weights, and multiplying by 100; and

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(7) Sea conditions at the time of the scale test.

(C) Maintain the test report form 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 vessel owner must retain the scale test report forms 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 vessel operator immediately following completion of each scale test.

(5) *Scale maintenance.* The vessel owner must ensure that the vessel operator maintains the scale in proper operating condition throughout its use, that adjustments made to the scale are made so as to bring the performance errors as close as practicable to a zero value, and that no adjustment is made that will cause the scale to weigh inaccurately.

(6) *Printed reports from the scale.* The vessel owner must ensure that the 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 be made available to NMFS staff or authorized officers. In addition, the vessel owner must retain printed reports for 3 years after the end of the year during which the printouts were made.

(i) *Reports of catch weight and cumulative weight.* Reports must be printed at least once every 24 hours. 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 NMFS staff or other authorized officer.

(iii) *Platform scales used for observer sampling.* A platform scale used for observer sampling is not required to produce a printed record.

(c) *Scales used to weigh catch 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 catch 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.* NMFS staff, NMFS-authorized personnel, or authorized officers must be allowed to observe the weighing of catch 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 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 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), subpart D) must produce a printed record for each delivery, or portion of a delivery, weighed on that scale, unless specifically exempted by NMFS. NMFS

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may exempt, as part of the NMFS-accepted catch monitoring plan, scales not designed for automatic bulk weighing from part or all of the printed record requirements. 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) The date the information is printed; and
- (E) The name and vessel registration or documentation number of the vessel making the delivery. The scale operator 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 catch. A scale that does not pass an inseason test may not be used to weigh IFQ catch 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 the following table:

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

(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.* IFQ first receivers using the electronic fish ticket software provided by Pacific States Marine Fisheries Commission are required to meet the hardware and software requirements below. Those IFQ first receivers who have NMFS-approved software compatible with the standards specified by Pacific States Marine Fisheries Commission for electronic fish tickets are not subject to any specific hardware or software requirements.

(1) *Hardware and software requirements.* A personal computer system with the following minimum requirements:

- (i) Processor: 500-megahertz (MHz) or higher processor;
- (ii) Random Access Memory (RAM): 256 megabytes (MB) or higher;
- (iii) Hard disk space:
  - (A) If already have MS Access 2007 or 2010, 200 MB available disk size.
  - (B) If loading the MS Access 2007 runtime, then 700 MB available disk size.
- (iv) Monitor: 1024 × 768 or higher display resolution;
- (v) Operating system: Microsoft Windows XP with Service Pack (SP) 2, Windows Server 2003 with SP1, or later operating system such as Windows Vista or Windows 7.
- (vi) Software: Microsoft Access 2007 or Microsoft Access 2010, or a runtime version provided by the Pacific States Marine Fisheries Commission.

(2) *NMFS-approved software standards and internet access.* The IFQ first receiver is responsible for obtaining, installing, and updating electronic fish tickets software either provided by Pacific States Marine Fisheries Commission, or compatible with the data export specifications specified by Pacific States Marine Fisheries Commission and for maintaining internet access

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sufficient to transmit data files. Requests for data export specifications can be submitted to: Attn: Electronic Fish Ticket Monitoring, National Marine Fisheries Service, Northwest Region, Sustainable Fisheries Division, 7600 Sand Point Way NE., Seattle, WA 98115.

7600 Sand Point Way, NE, Seattle, WA 98115.

[75 FR 78375, Dec. 15, 2010, as amended at 76 FR 74733, Dec. 1, 2011; 77 FR 55155, Sept. 7, 2012]

(3) *Maintenance.* The IFQ 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 an IFQ landing. “Functional” means that the software requirements and minimum hardware requirements described at paragraphs (d)(1) and (2) of this section are met and data transmissions to Pacific States Marine Fisheries Commission can be executed effectively by the equipment.

(4) *Improving data quality.* Vessel owners and operators, IFQ first receivers, or shoreside processor owners, or managers may contact NMFS in writing to request assistance in improving data quality and resolving issues. Requests may be submitted to: Attn: Electronic Fish Ticket Monitoring, National Marine Fisheries Service, Northwest Region, Sustainable Fisheries Division,

**§ 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 Coop Program, or C/P Coop 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 Coop Program—Whiting At-sea Trawl Fishery .....	§ 660.150(j).	
(i) Motherships .....		At-sea Hake.
(ii) Catcher Vessels .....		West Coast Groundfish.
(3) C/P Coop 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 Coop Program see § 660.150(j), and, for the C/P Coop 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]

**§ 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.

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(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 jus-

tice, 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

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exam must be performed, and accompanying statement submitted, prior to any deployment occurring after the expiration of the statement.

(B) Copies of “certificates of insurance,” that names the Catch Monitor Program Coordinator as the “certificate holder,” shall be submitted to the Catch Monitor Program Office by February 1 of each year. The certificates of insurance shall verify the following coverage provisions and state that the insurance company will notify the certificate holder if insurance coverage is changed or canceled.

(1) Coverage under the U.S. Longshore and Harbor Workers’ Compensation Act (\$1 million minimum).

(2) States Worker’s Compensation as required.

(3) Commercial General Liability.

(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:

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(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:

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(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

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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]

### **§ 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 Coop Program, the C/P Coop 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.

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(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 that either approves or disapproves the application. If approved, the IAD will be the provider permit and any associated endorsements. 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]

**§ 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), and 660.160(g) for catch monitor decertification, observer decertification and provider permit expirations due to inactivity. 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.

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(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]

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### § 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.

### § 660.24 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

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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 re-issued 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*. 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 reg-

istered 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) *Issuance process for sablefish endorsements and tier assignments*. No new applications for sablefish endorsements will be accepted after November 30, 1998. All tier assignments and subsequent appeals processes were completed by September 1998.

(C) *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 per-

mits 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)(C)(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, subpart C. 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)(iv) and (v) 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

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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)(C)(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)(C)(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)(C)(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.

(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 coop or non-coop fishery in the MS Coop Program described at § 660.150. 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

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§ 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).

(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 Coop 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, 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)(C)(4) of this section.

(E) Limited entry permits with an MS/CV endorsement or an MS permit, will not be renewed until SFD has received complete documentation of permit ownership as required under § 660.150(g) and § 660.150(f) of subpart D, respectively.

(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, subpart C, 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 primary sablefish season described at § 660.231, subpart E. Privileges, responsibilities, and restrictions associated with stacking permits to fish in the primary sablefish fishery are described at § 660.231, subpart E and at paragraph (b)(3)(iv) of this section.

(iv) *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)(vii) and (viii) 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)(C) of this section. NMFS will not approve

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a change in permit owner for a limited entry permit with an MS/CV endorsement or an MS permit that does not meet the ownership requirements for such permit described at § 660.150(g)(3), and § 660.150(f)(3), respectively. 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 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)(v) 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 October 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).

(v) *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)(vii) 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)(C)(4) and as required under paragraph (b)(4)(vii) 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)(vii) and (viii) 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 October 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 applica-

ble state law throughout the primary sablefish season during which a landing occurred and for 15 days thereafter.

(vi) *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, subpart C 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 MS permits and limited entry permits with an MS/CV or a C/P endorsement.* Limited entry MS permits and limited entry permits with an MS/CV or a C/P endorsement may be registered to another vessel up to two times during the fishing season 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,

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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. For an MS/CV-endorsed permit on the second change in vessel registration back to the original vessel, that vessel must be used to fish exclusively in the MS Coop Program described § 660.150, and declare in to the limited entry mid water trawl, Pacific whiting mothership sector as specified at § 660.13(d)(5)(iv).

(vii) *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 permit owner for an MS permit or for a request to change a vessel registration and/or change a permit owner or vessel owner for an MS/CV-endorsed limited entry trawl permit, an Identification of Ownership Interest Form must be com-

pleted 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.

(viii) *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 <http://>

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[www.westcoast.fisheries.noaa.gov/fisheries/management/groundfish\\_permits/limited\\_entry\\_permits.html](http://www.westcoast.fisheries.noaa.gov/fisheries/management/groundfish_permits/limited_entry_permits.html). Contents of the application, and required supporting documentation, are also specified in the application form. Only complete applications will be processed.

(ix) *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.* As specified at § 660.112(b)(1)(xii) and at 660.212(d)(3), vessels are prohibited from processing sablefish at sea that were caught in the primary sablefish fishery without a sablefish at-sea processing exemption. The sablefish at-sea processing exemption has been 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 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.* As specified at

§ 660.112(b)(1)(xii), 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. A permit and/or vessel owner may get an exemption to this prohibition by applying for the exemption as provided in paragraph (b)(6)(ii)(B) of this section and if his/her vessel meets the exemption qualifying criteria provided in paragraph (b)(6)(ii)(A) of this section. The non-whiting at-sea processing exemption is 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 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.

(A) *Qualifying criteria.* A non-whiting at-sea processing exemption will be issued to any vessel registered for use with a limited entry trawl permit that meets the non-whiting at-sea processing exemption qualifying criteria and for which the vessel owner submits a timely and complete application. The qualifying criteria for a non-whiting at-sea processing exemption are that the vessel must have been registered to a limited entry trawl permit, the vessel must have legally processed non-whiting groundfish at sea prior to August 31, 2010, and that the vessel landed that processed catch at a shorebased processor or buyer. The best evidence of a vessel having met these qualifying criteria will be receipts of processed product from shorebased processors, buyers, or exporters, accompanied by the state fish tickets or landings receipts appropriate to the processed product. Documentation showing investment in freezer equipment without also showing evidence of landing processed product is not sufficient evidence to qualify a vessel for a non-whiting at-sea processing exemption. All landings of processed non-whiting groundfish must have been harvested in waters managed under this part. Non-whiting groundfish taken in tribal fisheries or taken outside of the fishery management

area, as defined at § 660.10, does not meet the qualifying criteria.

(B) *Application and issuance process for non-whiting at-sea processing exemptions.*

(1) The SFD will mail non-whiting at-sea processing exemption applications to all current trawl permit holders and will make the application available online at <http://www.nwr.noaa.gov/Groundfish-Halibut/Groundfish-Permits/index.cfm>. Permit holders will have until February 15, 2012 to submit applications. A permit holder who believes that their vessel may qualify for the non-whiting at-sea processing exemption must submit evidence with their application showing how their vessel has met the qualifying criteria described at paragraph (b)(6)(ii)(A) of this section. Paragraph (b)(6)(ii)(C) of this section sets out the relevant evidentiary standards and burden of proof. Applications must be postmarked or hand-delivered no later than close of business February 15, 2012, to NMFS at: NMFS Northwest Region, Sustainable Fisheries Division, ATTN: Fisheries Permit Office—Processing Exemption, 7600 Sand Point Way NE., Seattle, WA 98115.

(2) After receipt of a complete application, the SFD will notify applicants by letter of initial administrative determination (IAD) whether their vessel qualifies for the non-whiting at-sea processing exemption. A person who has been notified by the SFD that their vessel qualifies for a non-whiting at-sea processing exemption will be issued an exemption letter by SFD that must be onboard the vessel at all times.

(3) If an applicant chooses to file an appeal of the IAD letter under paragraph (b)(6)(ii)(B)(2) of this section, 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.

(C) *Evidence and burden of proof.* A permit and/or vessel owner applying for issuance of a non-whiting at-sea processing exemption has the burden to submit evidence to prove that qualification requirements are met. The following evidentiary standards apply:

(1) A copy of the current vessel documentation or registration (USCG or

state) is the best evidence of vessel ownership.

(2) A copy of a state fish receiving ticket is the best evidence of a landing and of the type of gear used.

(3) A copy of a state fish receiving ticket, dock receiving ticket, landing receipt, or other written receipt indicating the name of their buyer, the date, and a description of the product form and the name and amount of non-whiting groundfish landed is the best evidence of the commercial transfer of processed product (including glazing).

(4) A copy of a sales receipt is the best evidence of the purchase of freezing equipment.

(5) Such other relevant, credible evidence as the applicant may submit, or the SFD or the Regional Administrator request or acquire, may also be considered.

(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) *Coop permit—(1) MS coop permit.* An MS coop permit conveys a conditional privilege to an eligible coop entity to receive and manage a coop's allocation of designated species and species groups. An MS coop permit is not a limited entry permit. The provisions

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for the MS coop permit, including eligibility, annual registration, fees, and appeals are described in the MS Coop Program at §660.150, subpart D.

(2) *C/P coop permit.* A C/P coop permit conveys a conditional privilege to an eligible coop entity to receive and manage a coop's allocation of designated species and species groups. A C/P coop permit is not a limited entry permit. The provisions for the C/P coop permit, including eligibility, annual registration, fees, and appeals are described in the C/P Coop Program at §660.160, subpart D.

(1) *MS coop permit.* [Reserved]

(2) *C/P coop permit.* [Reserved]

(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: National Marine Fisheries Service, Northwest 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 Coop Program permits (MS permit, MS/CV-endorsed permit, and MS coop permit), and C/P Coop Program permits (C/P-endorsed permit, C/P coop 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]

**§ 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.



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(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 Overfished species 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) *Bocaccio.* Bocaccio south of 40°10' N. latitude was declared overfished in 1999. The target year for rebuilding the bocaccio stock south of 40°10' N. latitude to  $B_{MSY}$  is 2022. The harvest control rule to be used to rebuild the southern bocaccio stock is an annual SPR harvest rate of 77.7 percent.

(b) *Canary rockfish.* Canary rockfish was declared overfished in 2000. The target year for rebuilding the canary rockfish stock to  $B_{MSY}$  is 2030. The harvest control rule to be used to rebuild the canary rockfish stock is an annual SPR harvest rate of 88.7 percent.

(c) *Cowcod.* Cowcod was declared overfished in 2000. The target year for rebuilding the cowcod stock south of 40°10' N. lat. to  $B_{MSY}$  is 2020. The harvest control rule to be used to rebuild the cowcod stock is an annual SPR harvest rate of 82.7 percent.

(d) *Darkblotched rockfish.* Darkblotched rockfish was declared overfished in 2000. The target year for rebuilding the darkblotched rockfish stock to  $B_{MSY}$  is 2025. The harvest control rule to be used to rebuild the darkblotched rockfish stock is an annual SPR harvest rate of 64.9 percent.

(e) *Pacific Ocean Perch (POP).* POP was declared overfished in 1999. The target year for rebuilding the POP stock to  $B_{MSY}$  is 2051. The harvest control rule to be used to rebuild the POP stock is an annual SPR harvest rate of 86.4 percent.

(f) *Petrале Sole.* Petrале sole was declared overfished in 2010. The target

year for rebuilding the petrале sole stock to  $B_{MSY}$  is 2016. The harvest control rule is the 25–5 default adjustment.

(g) *Yelloweye rockfish.* Yelloweye rockfish was declared overfished in 2002. The target year for rebuilding the yelloweye rockfish stock to  $B_{MSY}$  is 2074. The harvest control rule to be used to rebuild the yelloweye rockfish stock is an annual SPR harvest rate of 76.0 percent.

[76 FR 77420, Dec. 13, 2011, as amended at 78 FR 587, Jan. 3, 2013; 80 FR 12572, Mar. 10, 2015]

### § 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, Makah, and Quileute Indian Tribes and the Quinault Indian Nation.

(c) *Usual and accustomed fishing areas (U&A).* The Pacific Coast treaty Indian tribes' U&A fishing areas within the fishery management area (FMA) are set out below in paragraphs (c)(1) through (c)(4) of this section. Boundaries of a tribe's fishing area may be revised as ordered by a Federal court.

(1) *Makah.* That portion of the FMA north of 48°02.25' N. lat. (Norwegian Memorial) and east of 125°44' W. long.

(2) *Quileute.* That portion of the FMA between 48°07.60' N. lat. (Sand Point) and 47°31.70' N. lat. (Queets River) and east of 125°44' W. long.

(3) *Hoh.* That portion of the FMA between 47°54.30' N. lat. (Quillayute River) and 47°21' N. lat. (Quinault River) and east of 125°44' W. long.

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(4) *Quinault*. That portion of the FMA between 47°40.10' N. lat. (Destruction Island) and 46°53.30' N. lat. (Point Chehalis) and east of 125°44' W. long.

(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 or without a groundfish allocation*. Fishing by a member of a Pacific Coast treaty Indian tribe outside the applicable Indian tribe's usual and accustomed 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 U&A fishing areas.

(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

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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 479 mt in 2015 and 524 mt in 2016 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 1.6 percent for estimated discard mortality.

(3) *Lingcod*. Lingcod taken in the treaty fisheries are subject to an overall expected total lingcod catch of 250 mt.

(4) *Pacific whiting*. The tribal allocation for 2015 is 56,888 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 220 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.

(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) *Thornyheads*. The Tribes will manage their fisheries to the following limits for shortspine and longspine thornyheads. The limits would be accumulated across vessels into a cumulative fleetwide harvest target for the year. The limits available to individual

fishermen will then be adjusted inseason to stay within the overall harvest target as well as estimated impacts to overfished species. The annual following limits apply:

(i) Shortspine thornyhead cumulative trip limits are 17,000-lb (7,711-kg) per 2 months.

(ii) Longspine thornyhead cumulative trip limits are 22,000-lb (9,979-kg) per 2 months.

(3) *Canary rockfish*—are subject to a 300-lb (136-kg) trip limit.

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

(5) *Yellowtail and widow rockfish*. The Makah Tribe will manage the midwater trawl fisheries as follows: Landings of widow rockfish must not exceed 10 percent of the weight of yellowtail rockfish landed, for a given vessel, throughout the year. These limits may be adjusted by the tribe inseason to minimize the incidental catch of canary rockfish and widow rockfish, provided the catch of yellowtail rockfish does not exceed the fleetwide catch limit specified in paragraph (f) of this section.

(6) *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.

(7) *Flatfish and other fish.* Trawl vessels are restricted to using small footrope trawl gear. Treaty fishing vessels using bottom trawl gear are subject to the following limits: For Dover sole, English sole, other flatfish 110,000 lbs (49,895 kg) per 2 months; and for arrowtooth flounder 150,000 lbs (68,039 kg) per 2 months. The Dover sole and arrowtooth flounder limits in place at the beginning of the season will be combined across periods and the fleet to create a cumulative harvest target. The limits available to individual vessels will then be adjusted inseason to stay within the overall harvest target as well as estimated impacts to overfished species.

(8) *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.

(9) *Spiny dogfish.* The tribes will manage their spiny dogfish fishery within the limited entry trip limits for the non-tribal fisheries.

(10) *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.

(11) *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.

[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]

#### § 660.55 Allocations.

(a) *General.* An allocation is the apportionment of a harvest privilege for a specific purpose, to a particular person,

group of persons, or fishery sector. 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, beginning with the 2011–2012 biennial specifications process, 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

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for EFPs. 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) Beginning with the 2011–2012 biennial specifications process, the fishery harvest guideline or quota, may be divided into allocations for groundfish trawl and nontrawl (limited entry fixed gear, open access, and recreational) fisheries. IFQ species not listed in the table below will be allocated between the trawl and nontrawl fisheries through the biennial harvest specifications process. Species/species groups and areas allocated between the trawl and nontrawl fisheries listed in Chapter 6, Table 6–1 of the PCGFMP are allocated based on the percentages that follow:

ALLOCATION PERCENTAGES FOR LIMITED ENTRY TRAWL AND NON-TRAWL SECTORS SPECIFIED FOR FMP GROUND FISH STOCKS AND STOCK COMPLEXES

Stock or complex	All non-treaty LE trawl sectors %	All non-treaty non-trawl sectors %
Lingcod .....	45 .....	55
Pacific Cod .....	95 .....	5
Sablefish S. of 36° N. lat. ....	42 .....	58
PACIFIC OCEAN PERCH .....	95 .....	5
WIDOW .....	91 .....	9
Chilipepper S. of 40°10' N. lat. ....	75 .....	25
Splitnose S. of 40°10' N. lat. ....	95 .....	5
Yellowtail N. of 40°10' N. lat. ....	88 .....	12
Shortspine N. of 34°27' N. lat. ....	95 .....	5
Shortspine S. of 34°27' N. lat. ....	50 mt .....	Remaining Yield
Longspine N. of 34°27' N. lat. ....	95 .....	5
DARKBLOTCHED .....	95 .....	5
Minor Slope RF North of 40°10' N. lat. ....	81 .....	18
Minor Slope RF South of 40°10' N. lat. ....	63 .....	37
Dover Sole .....	95 .....	5
English Sole .....	95 .....	5
Petrale Sole .....	95 .....	5
Arrowtooth Flounder .....	95 .....	5
Starry Flounder .....	50 .....	50
Other Flatfish .....	90 .....	10

(i) *Trawl fishery allocation.* The allocation for the limited entry trawl fishery is derived by applying the trawl allocation percentage by species/species group and area as specified in paragraph (c) of this section and as specified during the biennial harvest specifications process to the fishery harvest guideline for that species/species group and area. For IFQ species other than darkblotched rockfish, Pacific Ocean Perch, and widow rockfish, the trawl allocation will be further subdivided among the trawl sectors (MS, C/P, and IFQ) as specified in §§660.140, 660.150, and 660.160 of subpart D. For

darkblotched rockfish, Pacific Ocean Perch, and widow rockfish, the trawl allocation is further subdivided among the trawl sectors (MS, C/P, and IFQ) as follows:

(A) *Darkblotched rockfish.* Allocate 9 percent or 25 mt, whichever is greater, of the total trawl allocation of darkblotched rockfish to the whiting fisheries (MS, C/P, and IFQ combined). The distribution of the whiting trawl allocation of darkblotched to each sector (MS, C/P, and IFQ) will be done pro rata relative to the sectors' whiting allocation. After deducting allocations for the whiting fisheries, allocate the

remainder of the trawl allocation to the nonwhiting fishery.

(B) *Pacific Ocean Perch (POP)*. Allocate 17 percent or 30 mt, whichever is greater, of the total trawl allocation of Pacific ocean perch to the whiting fisheries (MS, C/P, and IFQ combined). The distribution of the whiting trawl allocation of POP to each sector (MS, C/P, and IFQ) will be done pro rata relative to the sectors' whiting allocation. After deducting allocations for the whiting fisheries, allocate the remainder of the trawl allocation to the nonwhiting fishery.

(C) *Widow rockfish*. Allocate 52 percent of the total trawl allocation of widow rockfish to the whiting sectors if the stock is under rebuilding or 10 percent of the total trawl allocation or 500 mt of the trawl allocation to the whiting sectors, whichever is greater, if the stock is rebuilt. The latter allocation scheme automatically kicks in when widow rockfish is declared rebuilt. The distribution of the whiting trawl allocation of widow to each sector (MS, C/P, and IFQ) will be done pro rata relative to the sectors' whiting allocation. After deducting allocations for the whiting fisheries, allocate the remainder of the trawl allocation to the nonwhiting fishery.

(ii) *Nontrawl fishery allocation*. The allocation for the nontrawl fishery is the fishery harvest guideline minus the allocation of the species/species group and area to the trawl fishery. These amounts will equal the nontrawl allocation percentage or amount by species for species listed in paragraph (c) of this section and the nontrawl allocation percentage from the biennial harvest specifications for other IFQ species. 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*. Beginning with the 2011–2012 biennial specifications process, 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.

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(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)(2) 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-endorsed 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) The commercial harvest guideline for Pacific whiting is allocated among three sectors, as follows: 34 percent for the C/P Coop Program; 24 percent for the MS Coop 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.

(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), subpart C. 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 incidental catch in non-groundfish fisheries (incidental open access); the remaining yield (nontribal share) is divided between open access and limited entry fisheries. The limited entry fishery allocation is 90.6 percent and the open access allocation is 9.4 percent.

(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

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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-endorsement 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 Coop Program; 24 percent for the MS Coop 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 will be specified in Tables 1a through 2d of this subpart and may be adjusted through the biennial harvest specifications and management measures process.

(k) [Reserved]

(1) *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.

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**§ 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 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 (b) of this section, and in subparts C through G of this part, including Tables 1a through 1c, and 2a through 2c to subpart C, 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. Most trip, bag, and size limits, and 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 Administrative Procedure Act (APA). Changes to trip limits are effective at the times stated in the FEDERAL REGISTER. Once a

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, off-loading 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 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, 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 a complex described 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), rattfish, kelp greenling, shortbelly, 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 the setting of closed areas known as Groundfish Conservation Areas, may be implemented in any fishery 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. Depth-based management measures and the setting of closed areas may be used: to protect and rebuild overfished stocks, to prevent the overfishing of any groundfish species by minimizing the direct or incidental catch of that species, to minimize the incidental harvest of any protected or prohibited species taken in the groundfish fishery, 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. BRAs may be implemented in the Pacific whiting fishery: as an automatic action for species with a sector specific allocation, consistent with paragraph (d)(1) of this section; or as a routine action consistent with the purposes for implementing depth based management and the setting of closed areas as described in paragraph (c)(3)(i) of this section.

(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 opportuni-

ties 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. 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.

(d) *Automatic actions.* Automatic management actions may be initiated by the NMFS Regional Administrator 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 are used in the Pacific whiting fishery to:

(i) Close an at-sea sector of the fishery when that sector's Pacific whiting allocation is reached, or is projected to be reached.

(ii) Close one or more at-sea sectors of the fishery when a non-whiting groundfish species with allocations is reached or projected to be reached.

(iii) Reapportion unused allocations of non-whiting groundfish species from one at-sea sector of the Pacific whiting fishery to another.

(iv) Reapportionment of the unused portion of the tribal allocation of Pacific whiting to the IFQ, mothership and catcher processor Pacific whiting fisheries.

(v) Implement the Ocean Salmon Conservation Zone, described at §660.131(c)(3), when NMFS projects the Pacific whiting fishery may take in excess of 11,000 Chinook within a calendar year.

(vi) Implement Pacific Whiting Bycatch Reduction Areas, described at §660.131(c)(4), 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. Actual notice to fishers and processors will be by email, Internet ([www.nwr.noaa.gov/Groundfish-Halibut/Groundfish-Fishery-Management/Whiting-Management/index.cfm](http://www.nwr.noaa.gov/Groundfish-Halibut/Groundfish-Fishery-Management/Whiting-Management/index.cfm)), phone, fax, 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) *Prohibited species.* Groundfish species or species groups under the PCGFMP for which quotas have been achieved and/or the fishery closed are prohibited species. In addition, the following are prohibited species:

- (1) Any species of salmonid.
- (2) Pacific halibut.

(3) Dungeness crab caught seaward of Washington or Oregon.

(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 rec-

reational 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.

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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 en-

forcement 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 19.5 inches (49.5 cm), which corresponds to 24 inches (61 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 are provided below.

(1) *Sablefish*. The weight conversion factor for headed and gutted (eviscerated) sablefish is 1.6.

(2) *Lingcod*. The following conversions apply:

(i) The minimum size limit lingcod North of 42° N. lat., with the head removed, is 18 inches (46 cm), which corresponds to 22 inches (56 cm) total length for whole fish.

(ii) The minimum size limit for lingcod South of 42° N. lat., with the head removed, is 19.5 inches (49.5 cm), which corresponds to 24 inches (61 cm) total length for whole fish.

(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

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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 two activities: Fishing on different sides of a management line, or fishing in both the limited entry and open access fisheries. NMFS uses different types of management areas for West Coast groundfish management, such as the *north-south management areas* as defined in § 660.11. Within a management area, a large ocean area with northern and southern boundary lines, trip limits, seasons, and conservation areas follow a single theme. Within each management area, there may be one or more conservation areas, defined at § 660.11 and §§ 660.70 through 660.74. The provisions within this paragraph apply to vessels fishing in different management areas. Cross-

over provisions also apply to vessels that fish in both the limited entry and open access fisheries, or that use open access non-trawl gear while registered to limited entry fixed gear permits. 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), for vessels that are declared into the Shorebased IFQ Program (see § 660.13(d)(5)(iv)(A), for valid Shorebased IFQ Program declarations), species that are subject only to daily trip limits, or to the 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, except such provisions do not apply to IFQ species defined at §660.140(c), for vessels that are declared into the Shorebased IFQ Program (see §660.13(d)(5)(iv)(A) for valid Shorebased IFQ Program declarations). 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 limit. 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.

(B) *Limited entry permit restrictions for vessels fishing in the open access fishery—*

(1) *Vessel registered to a limited entry trawl permit.* To participate in the open access fishery, described at part 660, subpart F, with open access gear, defined at §660.11, a vessel registered to a limit entry trawl permit must make the appropriate fishery declaration, as specified at §660.14(d)(5)(iv)(A). In addition, a vessel registered to a limit entry trawl permit must remove the permit from their vessel, as specified at §660.25(b)(4)(v), 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.* To participate with open access gear, defined at §660.11, subpart C, a vessel registered to a limit entry fixed gear permit must make the

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appropriate open access declaration, as specified at § 660.14(d)(5)(iv)(A).

[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]

### § 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.

In § 660.11, a groundfish conservation area is defined in part as “a geographic area defined by coordinates expressed in degrees latitude and longitude, wherein fishing by a particular gear type or types may be prohibited.” While some groundfish conservation areas may be designed with the intent that their shape be determined by ocean bottom depth contours, their shapes are defined in regulation by latitude/longitude coordinates and are enforced by those coordinates. Latitude/longitude coordinates designating the large-scale boundaries for rockfish conservation areas are found in §§ 660.71 through 660.74. Fishing activity that is prohibited or permitted within a particular groundfish conservation area is detailed at subparts D through G of part 660.

(a) *North Coast Recreational Yelloweye Rockfish Conservation Area.* The North Coast Recreational Yelloweye Rockfish Conservation Area (YRCA) is a C-shaped area off the northern Wash-

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ington 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.

(b) *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.

(c) *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.

(d) *South Coast Recreational Yelloweye Rockfish Conservation Area.* The South Coast Recreational Yelloweye Rockfish



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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.

(e) *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.

(f) *Stonewall Bank Yelloweye Rockfish Conservation Area*. The Stonewall Bank Yelloweye Rockfish Conservation Area (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.

(g) *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.

(h) *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.

(i) *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.

(j) *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.

(k) *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.

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(l) *Cowcod Conservation Areas.* The Cowcod Conservation Areas (CCAs) are two areas off the southern California coast intended to protect cowcod. 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:

- (1) 33°50.00' N. lat., 119°30.00' W. long.;
  - (2) 33°50.00' N. lat., 118°50.00' W. long.;
  - (3) 32°20.00' N. lat., 118°50.00' W. long.;
  - (4) 32°20.00' N. lat., 119°37.00' W. long.;
  - (5) 33°00.00' N. lat., 119°37.00' W. long.;
  - (6) 33°00.00' N. lat., 119°53.00' W. long.;
  - (7) 33°33.00' N. lat., 119°53.00' W. long.;
  - (8) 33°33.00' N. lat., 119°30.00' W. long.;
- and connecting back to 33°50.00' N. lat., 119°30.00' W. long.

(m) 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:

- (1) 32°42.00' N. lat., 118°02.00' W. long.;
  - (2) 32°42.00' N. lat., 117°50.00' W. long.;
  - (3) 32°36.70' N. lat., 117°50.00' W. long.;
  - (4) 32°30.00' N. lat., 117°53.50' W. long.;
  - (5) 32°30.00' N. lat., 118°02.00' W. long.;
- and connecting back to 32°42.00' N. lat., 118°02.00' W. long.

(n) *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.

(o) *Cordell Banks.* Cordell Banks are located offshore of California's Marin County. Generally, fishing for groundfish is prohibited in waters of depths less than 100-fm (183-m) around Cordell Banks as defined by specific latitude and longitude coordinates. The Cordell Banks 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.

(p) *Rockfish Conservation Areas.* RCA restrictions are detailed in subparts D through G. 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.

(1) *Trawl (Limited Entry and Open Access Nongroundfish Trawl Gears) Rockfish Conservation Areas.* 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 intended to approximate particular depth contours. Boundaries for the trawl RCA throughout the year are provided in Table 1 (North) and Table 1 (South), and may be modified by NMFS inseason pursuant to § 660.60(c). Trawl RCA boundaries are defined by specific latitude and longitude coordinates and are provided in §§ 660.71 through 660.74.

(2) *Non-Trawl (Limited Entry Fixed Gear and Open Access Non-trawl Gears) Rockfish Conservation Areas.* 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 intended to approximate particular depth contours. Boundaries for the non-trawl RCA throughout the year are provided in Table 2 (North), and Table 2 (South) of subpart E, and Table 3 (North) and Table 3 (South) of subpart F and may be modified by NMFS inseason pursuant to § 660.60(c). Non-trawl RCA boundaries are defined by specific latitude and longitude coordinates and are provided in §§ 660.71 through 660.74.

(3) *Recreational Rockfish Conservation Areas.* Recreational RCAs are closed areas intended to protect overfished rockfish species. Recreational RCAs may either have boundaries defined by general depth contours or boundaries

defined by specific latitude and longitude coordinates intended to approximate particular depth contours. Boundaries for the recreational RCAs throughout the year are provided in the text in subpart G under each state (Washington, Oregon and California) and may be modified by NMFS inseason pursuant to §660.60(c). Recreational RCA boundaries are defined by specific latitude and longitude coordinates and are provided in §§660.71 through 660.74.

[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]

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

Boundaries for RCAs 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.;

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- (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.;

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- (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.;

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(110) 41°17.59' N. lat., 124°10.66' W. long.;	(139) 39°39.60' N. lat., 123°49.14' W. long.;
(111) 41°04.54' N. lat., 124°14.47' W. long.;	(140) 39°34.43' N. lat., 123°48.48' W. long.;
(112) 40°54.26' N. lat., 124°13.90' W. long.;	(141) 39°30.63' N. lat., 123°49.71' W. long.;
(113) 40°40.31' N. lat., 124°26.24' W. long.;	(142) 39°21.25' N. lat., 123°50.54' W. long.;
(114) 40°34.00' N. lat., 124°27.39' W. long.;	(143) 39°08.87' N. lat., 123°46.24' W. long.;
(115) 40°30.00' N. lat., 124°31.32' W. long.;	(144) 39°03.79' N. lat., 123°43.91' W. long.;
(116) 40°28.89' N. lat., 124°32.43' W. long.;	(145) 38°59.65' N. lat., 123°45.94' W. long.;
(117) 40°24.77' N. lat., 124°29.51' W. long.;	(146) 38°57.50' N. lat., 123°46.28' W. long.;
(118) 40°22.47' N. lat., 124°24.12' W. long.;	(147) 38°56.80' N. lat., 123°46.48' W. long.;
(119) 40°19.73' N. lat., 124°23.59' W. long.;	(148) 38°51.16' N. lat., 123°41.48' W. long.;
(120) 40°18.64' N. lat., 124°21.89' W. long.;	(149) 38°45.77' N. lat., 123°35.14' W. long.;
(121) 40°17.67' N. lat., 124°23.07' W. long.;	(150) 38°42.21' N. lat., 123°28.17' W. long.;
(122) 40°15.58' N. lat., 124°23.61' W. long.;	(151) 38°34.05' N. lat., 123°20.96' W. long.;
(123) 40°13.42' N. lat., 124°22.94' W. long.;	(152) 38°22.47' N. lat., 123°07.48' W. long.;
(124) 40°10.00' N. lat., 124°16.65' W. long.;	(153) 38°16.52' N. lat., 123°05.62' W. long.;
(125) 40°09.46' N. lat., 124°15.28' W. long.;	(154) 38°14.42' N. lat., 123°01.91' W. long.;
(126) 40°08.89' N. lat., 124°15.24' W. long.;	(155) 38°08.24' N. lat., 122°59.79' W. long.;
(127) 40°06.40' N. lat., 124°10.97' W. long.;	(156) 38°02.69' N. lat., 123°01.96' W. long.;
(128) 40°06.08' N. lat., 124°09.34' W. long.;	(157) 38°00.00' N. lat., 123°04.75' W. long.;
(129) 40°06.64' N. lat., 124°08.00' W. long.;	(158) 37°58.41' N. lat., 123°02.93' W. long.;
(130) 40°05.08' N. lat., 124°07.57' W. long.;	(159) 37°58.25' N. lat., 122°56.49' W. long.;
(131) 40°04.29' N. lat., 124°08.12' W. long.;	(160) 37°50.30' N. lat., 122°52.23' W. long.;
(132) 40°00.61' N. lat., 124°07.35' W. long.;	(161) 37°43.36' N. lat., 123°04.18' W. long.;
(133) 39°58.60' N. lat., 124°05.51' W. long.;	(162) 37°40.77' N. lat., 123°01.62' W. long.;
(134) 39°54.89' N. lat., 124°04.67' W. long.;	(163) 37°40.13' N. lat., 122°57.30' W. long.;
(135) 39°53.01' N. lat., 124°02.33' W. long.;	(164) 37°42.59' N. lat., 122°53.64' W. long.;
(136) 39°53.20' N. lat., 123°58.18' W. long.;	(165) 37°35.67' N. lat., 122°44.20' W. long.;
(137) 39°48.45' N. lat., 123°53.21' W. long.;	(166) 37°29.62' N. lat., 122°36.00' W. long.;
(138) 39°43.89' N. lat., 123°51.75' W. long.;	(167) 37°22.38' N. lat., 122°31.66' W. long.;

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(168) 37°13.86' N. lat., 122°28.27' W.  
long.;  
(169) 37°11.00' N. lat., 122°26.50' W.  
long.;  
(170) 37°08.10' N. lat., 122°24.75' W.  
long.;  
(171) 37°07.00' N. lat., 122°23.60' W.  
long.;  
(172) 37°05.84' N. lat., 122°22.47' W.  
long.;  
(173) 36°58.77' N. lat., 122°13.03' W.  
long.;  
(174) 36°53.74' N. lat., 122°03.39' W.  
long.;  
(175) 36°52.71' N. lat., 122°00.14' W.  
long.;  
(176) 36°52.51' N. lat., 121°56.77' W.  
long.;  
(177) 36°49.44' N. lat., 121°49.63' W.  
long.;  
(178) 36°48.01' N. lat., 121°49.92' W.  
long.;  
(179) 36°48.25' N. lat., 121°47.66' W.  
long.;  
(180) 36°46.26' N. lat., 121°51.27' W.  
long.;  
(181) 36°39.14' N. lat., 121°52.05' W.  
long.;  
(182) 36°38.00' N. lat., 121°53.57' W.  
long.;  
(183) 36°39.14' N. lat., 121°55.45' W.  
long.;  
(184) 36°38.50' N. lat., 121°57.90' W.  
long.;  
(185) 36°36.75' N. lat., 121°59.44' W.  
long.;  
(186) 36°34.97' N. lat., 121°59.37' W.  
long.;  
(187) 36°33.07' N. lat., 121°58.32' W.  
long.;  
(188) 36°33.27' N. lat., 121°57.07' W.  
long.;  
(189) 36°32.68' N. lat., 121°57.03' W.  
long.;  
(190) 36°32.04' N. lat., 121°55.98' W.  
long.;  
(191) 36°31.61' N. lat., 121°55.72' W.  
long.;  
(192) 36°31.59' N. lat., 121°57.12' W.  
long.;  
(193) 36°31.52' N. lat., 121°57.57' W.  
long.;  
(194) 36°30.88' N. lat., 121°57.90' W.  
long.;  
(195) 36°30.25' N. lat., 121°57.37' W.  
long.;  
(196) 36°29.47' N. lat., 121°57.55' W.  
long.;

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(197) 36°26.72' N. lat., 121°56.40' W.  
long.;  
(198) 36°24.33' N. lat., 121°56.00' W.  
long.;  
(199) 36°23.36' N. lat., 121°55.45' W.  
long.;  
(200) 36°18.86' N. lat., 121°56.15' W.  
long.;  
(201) 36°16.21' N. lat., 121°54.81' W.  
long.;  
(202) 36°15.30' N. lat., 121°53.79' W.  
long.;  
(203) 36°12.04' N. lat., 121°45.38' W.  
long.;  
(204) 36°11.87' N. lat., 121°44.45' W.  
long.;  
(205) 36°12.13' N. lat., 121°44.25' W.  
long.;  
(206) 36°11.89' N. lat., 121°43.65' W.  
long.;  
(207) 36°10.56' N. lat., 121°42.62' W.  
long.;  
(208) 36°09.90' N. lat., 121°41.57' W.  
long.;  
(209) 36°08.14' N. lat., 121°40.44' W.  
long.;  
(210) 36°06.69' N. lat., 121°38.79' W.  
long.;  
(211) 36°05.85' N. lat., 121°38.47' W.  
long.;  
(212) 36°03.08' N. lat., 121°36.25' W.  
long.;  
(213) 36°02.92' N. lat., 121°35.89' W.  
long.;  
(214) 36°01.53' N. lat., 121°36.13' W.  
long.;  
(215) 36°00.59' N. lat., 121°35.40' W.  
long.;  
(216) 36°00.00' N. lat., 121°34.10' W.  
long.;  
(217) 35°59.93' N. lat., 121°33.81' W.  
long.;  
(218) 35°59.69' N. lat., 121°31.84' W.  
long.;  
(219) 35°58.59' N. lat., 121°30.30' W.  
long.;  
(220) 35°54.02' N. lat., 121°29.71' W.  
long.;  
(221) 35°51.54' N. lat., 121°27.67' W.  
long.;  
(222) 35°50.42' N. lat., 121°25.79' W.  
long.;  
(223) 35°48.37' N. lat., 121°24.29' W.  
long.;  
(224) 35°47.02' N. lat., 121°22.46' W.  
long.;  
(225) 35°42.28' N. lat., 121°21.20' W.  
long.;



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(226) 35°41.57' N. lat., 121°21.82' W. long.;	(255) 34°18.67' N. lat., 119°30.16' W. long.;
(227) 35°39.24' N. lat., 121°18.84' W. long.;	(256) 34°16.95' N. lat., 119°27.90' W. long.;
(228) 35°35.14' N. lat., 121°10.45' W. long.;	(257) 34°13.02' N. lat., 119°26.99' W. long.;
(229) 35°30.11' N. lat., 121°05.59' W. long.;	(258) 34°08.62' N. lat., 119°20.89' W. long.;
(230) 35°25.86' N. lat., 121°00.07' W. long.;	(259) 34°06.95' N. lat., 119°17.68' W. long.;
(231) 35°22.82' N. lat., 120°54.68' W. long.;	(260) 34°05.93' N. lat., 119°15.17' W. long.;
(232) 35°17.96' N. lat., 120°55.54' W. long.;	(261) 34°08.42' N. lat., 119°13.11' W. long.;
(233) 35°14.83' N. lat., 120°55.42' W. long.;	(262) 34°05.23' N. lat., 119°13.34' W. long.;
(234) 35°08.87' N. lat., 120°50.22' W. long.;	(263) 34°04.98' N. lat., 119°11.39' W. long.;
(235) 35°05.55' N. lat., 120°44.89' W. long.;	(264) 34°04.55' N. lat., 119°11.09' W. long.;
(236) 35°02.91' N. lat., 120°43.94' W. long.;	(265) 34°04.15' N. lat., 119°09.35' W. long.;
(237) 34°53.80' N. lat., 120°43.94' W. long.;	(266) 34°04.89' N. lat., 119°07.86' W. long.;
(238) 34°34.89' N. lat., 120°41.92' W. long.;	(267) 34°04.08' N. lat., 119°07.33' W. long.;
(239) 34°32.48' N. lat., 120°40.05' W. long.;	(268) 34°04.10' N. lat., 119°06.89' W. long.;
(240) 34°30.12' N. lat., 120°32.81' W. long.;	(269) 34°05.08' N. lat., 119°07.02' W. long.;
(241) 34°27.00' N. lat., 120°30.46' W. long.;	(270) 34°05.27' N. lat., 119°04.95' W. long.;
(242) 34°27.00' N. lat., 120°30.31' W. long.;	(271) 34°04.51' N. lat., 119°04.70' W. long.;
(243) 34°25.84' N. lat., 120°27.40' W. long.;	(272) 34°02.26' N. lat., 118°59.88' W. long.;
(244) 34°25.16' N. lat., 120°20.18' W. long.;	(273) 34°01.08' N. lat., 118°59.77' W. long.;
(245) 34°25.88' N. lat., 120°18.24' W. long.;	(274) 34°00.94' N. lat., 118°51.65' W. long.;
(246) 34°27.26' N. lat., 120°12.47' W. long.;	(275) 33°59.77' N. lat., 118°49.26' W. long.;
(247) 34°26.27' N. lat., 120°02.22' W. long.;	(276) 34°00.04' N. lat., 118°48.92' W. long.;
(248) 34°23.41' N. lat., 119°53.40' W. long.;	(277) 33°59.65' N. lat., 118°48.43' W. long.;
(249) 34°23.33' N. lat., 119°48.74' W. long.;	(278) 33°59.46' N. lat., 118°47.25' W. long.;
(250) 34°22.31' N. lat., 119°41.36' W. long.;	(279) 33°59.80' N. lat., 118°45.89' W. long.;
(251) 34°21.72' N. lat., 119°40.14' W. long.;	(280) 34°00.21' N. lat., 118°37.64' W. long.;
(252) 34°21.25' N. lat., 119°41.18' W. long.;	(281) 33°59.26' N. lat., 118°34.58' W. long.;
(253) 34°20.25' N. lat., 119°39.03' W. long.;	(282) 33°58.07' N. lat., 118°33.36' W. long.;
(254) 34°19.87' N. lat., 119°33.65' W. long.;	(283) 33°53.76' N. lat., 118°30.14' W. long.;

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(284) 33°51.00' N. lat., 118°25.19' W. long.;  
 (285) 33°50.07' N. lat., 118°24.70' W. long.;  
 (286) 33°50.16' N. lat., 118°23.77' W. long.;  
 (287) 33°48.80' N. lat., 118°25.31' W. long.;  
 (288) 33°47.07' N. lat., 118°27.07' W. long.;  
 (289) 33°46.12' N. lat., 118°26.87' W. long.;  
 (290) 33°44.15' N. lat., 118°25.15' W. long.;  
 (291) 33°43.54' N. lat., 118°23.02' W. long.;  
 (292) 33°41.35' N. lat., 118°18.86' W. long.;  
 (293) 33°39.96' N. lat., 118°17.37' W. long.;  
 (294) 33°40.12' N. lat., 118°16.33' W. long.;  
 (295) 33°39.28' N. lat., 118°16.21' W. long.;  
 (296) 33°38.04' N. lat., 118°14.86' W. long.;  
 (297) 33°36.57' N. lat., 118°14.67' W. long.;  
 (298) 33°34.93' N. lat., 118°10.94' W. long.;  
 (299) 33°35.14' N. lat., 118°08.61' W. long.;  
 (300) 33°35.69' N. lat., 118°07.68' W. long.;  
 (301) 33°36.21' N. lat., 118°07.53' W. long.;  
 (302) 33°36.43' N. lat., 118°06.73' W. long.;  
 (303) 33°36.05' N. lat., 118°06.15' W. long.;  
 (304) 33°36.32' N. lat., 118°03.91' W. long.;  
 (305) 33°35.69' N. lat., 118°03.64' W. long.;  
 (306) 33°34.62' N. lat., 118°00.04' W. long.;  
 (307) 33°34.80' N. lat., 117°57.73' W. long.;  
 (308) 33°35.57' N. lat., 117°56.62' W. long.;  
 (309) 33°35.46' N. lat., 117°55.99' W. long.;  
 (310) 33°35.98' N. lat., 117°55.99' W. long.;  
 (311) 33°35.46' N. lat., 117°55.38' W. long.;  
 (312) 33°35.21' N. lat., 117°53.46' W. long.;

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(313) 33°33.61' N. lat., 117°50.45' W. long.;  
 (314) 33°31.41' N. lat., 117°47.28' W. long.;  
 (315) 33°27.54' N. lat., 117°44.36' W. long.;  
 (316) 33°26.63' N. lat., 117°43.17' W. long.;  
 (317) 33°25.21' N. lat., 117°40.90' W. long.;  
 (318) 33°20.33' N. lat., 117°35.99' W. long.;  
 (319) 33°16.35' N. lat., 117°31.51' W. long.;  
 (320) 33°11.53' N. lat., 117°26.81' W. long.;  
 (321) 33°07.59' N. lat., 117°21.13' W. long.;  
 (322) 33°02.21' N. lat., 117°19.05' W. long.;  
 (323) 32°56.55' N. lat., 117°17.70' W. long.;  
 (324) 32°54.61' N. lat., 117°16.60' W. long.;  
 (325) 32°52.32' N. lat., 117°15.97' W. long.;  
 (326) 32°51.48' N. lat., 117°16.15' W. long.;  
 (327) 32°51.85' N. lat., 117°17.26' W. long.;  
 (328) 32°51.55' N. lat., 117°19.01' W. long.;  
 (329) 32°49.55' N. lat., 117°19.63' W. long.;  
 (330) 32°46.71' N. lat., 117°18.32' W. long.;  
 (331) 32°36.35' N. lat., 117°15.68' W. long.; and  
 (332) 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°06.37' 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

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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°56.45' N. lat., 119°49.12' 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°03.37' N. lat., 118°37.76' 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°54.76' N. lat., 118°33.58' 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°47.88' N. lat., 118°26.90' 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°49.06' N. lat., 118°20.53' 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°03.37' N. lat., 118°37.76' 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°28.81' 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°27.86' N. lat., 118°29.41' 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°20.23' N. lat., 118°18.45' W. long.;
- and
- (41) 33°19.13' N. lat., 118°18.04' W. long.
- (k) 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.;

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- (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°22.32' N. lat., 124°24.19' W. long.;
- (96) 40°19.67' N. lat., 124°25.52' W. long.;
- (97) 40°18.63' N. lat., 124°22.38' 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°22.62' N. lat., 123°51.21' W. long.;
- (113) 39°04.58' N. lat., 123°45.43' W. long.;
- (114) 39°00.45' N. lat., 123°47.58' W. long.;
- (115) 38°57.50' N. lat., 123°47.27' W. long.;
- (116) 38°55.82' N. lat., 123°46.97' W. long.;
- (117) 38°52.26' N. lat., 123°44.35' W. long.;
- (118) 38°45.41' N. lat., 123°35.67' W. long.;
- (119) 38°40.60' N. lat., 123°28.22' W. long.;
- (120) 38°21.64' N. lat., 123°08.91' W. long.;
- (121) 38°12.01' N. lat., 123°03.86' W. long.;
- (122) 38°06.16' N. lat., 123°07.01' W. long.;
- (123) 38°00.00' N. lat., 123°07.05' W. long.;
- (124) 37°51.73' N. lat., 122°57.97' W. long.;
- (125) 37°47.96' N. lat., 122°59.34' W. long.;
- (126) 37°47.37' N. lat., 123°08.84' W. long.;
- (127) 37°50.00' N. lat., 123°14.38' W. long.;
- (128) 37°39.91' N. lat., 123°00.84' W. long.;
- (129) 37°38.75' N. lat., 122°52.16' W. long.;
- (130) 37°35.67' N. lat., 122°49.47' W. long.;

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(131) 37°20.24' N. lat., 122°33.82' W.  
long.;

(132) 37°11.00' N. lat., 122°28.50' W.  
long.;

(133) 37°07.00' N. lat., 122°26.26' W.  
long.;

(134) 36°52.04' N. lat., 122°04.60' W.  
long.;

(135) 36°52.00' N. lat., 121°57.41' W.  
long.;

(136) 36°49.26' N. lat., 121°52.53' W.  
long.;

(137) 36°49.22' N. lat., 121°49.85' W.  
long.;

(138) 36°47.87' N. lat., 121°50.15' W.  
long.;

(139) 36°48.07' N. lat., 121°48.21' W.  
long.;

(140) 36°45.93' N. lat., 121°52.11' W.  
long.;

(141) 36°40.55' N. lat., 121°52.59' W.  
long.;

(142) 36°38.93' N. lat., 121°58.17' W.  
long.;

(143) 36°36.54' N. lat., 122°00.18' W.  
long.;

(144) 36°32.96' N. lat., 121°58.84' W.  
long.;

(145) 36°33.14' N. lat., 121°57.56' W.  
long.;

(146) 36°31.81' N. lat., 121°55.86' W.  
long.;

(147) 36°31.53' N. lat., 121°58.09' W.  
long.;

(148) 36°23.28' N. lat., 121°56.10' W.  
long.;

(149) 36°18.40' N. lat., 121°57.93' W.  
long.;

(150) 36°16.80' N. lat., 121°59.97' W.  
long.;

(151) 36°15.00' N. lat., 121°55.95' W.  
long.;

(152) 36°15.00' N. lat., 121°54.41' W.  
long.;

(153) 36°11.06' N. lat., 121°43.10' W.  
long.;

(154) 36°02.85' N. lat., 121°36.21' W.  
long.;

(155) 36°01.22' N. lat., 121°36.36' W.  
long.;

(156) 36°00.00' N. lat., 121°34.73' W.  
long.;

(157) 35°58.67' N. lat., 121°30.68' W.  
long.;

(158) 35°54.16' N. lat., 121°30.21' W.  
long.;

(159) 35°46.98' N. lat., 121°24.02' W.  
long.;

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(160) 35°40.75' N. lat., 121°21.89' W.  
long.;

(161) 35°34.36' N. lat., 121°11.07' W.  
long.;

(162) 35°29.30' N. lat., 121°05.74' W.  
long.;

(163) 35°22.15' N. lat., 120°56.15' W.  
long.;

(164) 35°14.93' N. lat., 120°56.37' W.  
long.;

(165) 35°04.06' N. lat., 120°46.35' W.  
long.;

(166) 34°45.85' N. lat., 120°43.96' W.  
long.;

(167) 34°37.80' N. lat., 120°44.44' W.  
long.;

(168) 34°32.82' N. lat., 120°42.08' W.  
long.;

(169) 34°27.00' N. lat., 120°31.27' W.  
long.;

(170) 34°24.25' N. lat., 120°23.33' W.  
long.;

(171) 34°26.48' N. lat., 120°13.93' W.  
long.;

(172) 34°25.12' N. lat., 120°03.46' W.  
long.;

(173) 34°17.58' N. lat., 119°31.62' W.  
long.;

(174) 34°11.49' N. lat., 119°27.30' W.  
long.;

(175) 34°05.59' N. lat., 119°15.52' W.  
long.;

(176) 34°08.60' N. lat., 119°12.93' W.  
long.;

(177) 34°04.81' N. lat., 119°13.44' W.  
long.;

(178) 34°04.26' N. lat., 119°12.39' W.  
long.;

(179) 34°03.89' N. lat., 119°07.06' W.  
long.;

(180) 34°05.14' N. lat., 119°05.55' W.  
long.;

(181) 34°01.27' N. lat., 118°59.62' W.  
long.;

(182) 33°59.56' N. lat., 118°48.21' W.  
long.;

(183) 33°59.30' N. lat., 118°35.43' W.  
long.;

(184) 33°55.14' N. lat., 118°32.16' W.  
long.;

(185) 33°52.95' N. lat., 118°34.49' W.  
long.;

(186) 33°51.07' N. lat., 118°31.50' W.  
long.;

(187) 33°52.45' N. lat., 118°28.54' W.  
long.;

(188) 33°49.86' N. lat., 118°24.10' W.  
long.;

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- (189) 33°47.14' N. lat., 118°28.38' W. long.;
- (190) 33°44.14' N. lat., 118°25.18' W. long.;
- (191) 33°41.54' N. lat., 118°19.63' W. long.;
- (192) 33°37.86' N. lat., 118°15.06' W. long.;
- (193) 33°36.58' N. lat., 118°15.97' W. long.;
- (194) 33°34.78' N. lat., 118°12.60' W. long.;
- (195) 33°34.46' N. lat., 118°08.77' W. long.;
- (196) 33°35.92' N. lat., 118°07.04' W. long.;
- (197) 33°36.06' N. lat., 118°03.96' W. long.;
- (198) 33°34.98' N. lat., 118°02.74' W. long.;
- (199) 33°34.03' N. lat., 117°59.37' W. long.;
- (200) 33°35.46' N. lat., 117°55.61' W. long.;
- (201) 33°34.97' N. lat., 117°53.33' W. long.;
- (202) 33°31.20' N. lat., 117°47.40' W. long.;
- (203) 33°27.26' N. lat., 117°44.34' W. long.;
- (204) 33°24.84' N. lat., 117°40.75' W. long.;
- (205) 33°11.45' N. lat., 117°26.84' W. long.;
- (206) 33°07.59' N. lat., 117°21.46' W. long.;
- (207) 33°01.74' N. lat., 117°19.23' W. long.;
- (208) 32°56.44' N. lat., 117°18.08' W. long.;
- (209) 32°54.63' N. lat., 117°16.94' W. long.;
- (210) 32°51.67' N. lat., 117°16.21' W. long.;
- (211) 32°52.16' N. lat., 117°19.41' W. long.;
- (212) 32°46.91' N. lat., 117°20.43' W. long.;
- (213) 32°43.49' N. lat., 117°18.12' W. long.;
- (214) 32°33.00' N. lat., 117°16.39' W. long.

(l) 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.  
 (m) 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°54.75' N. lat., 118°33.57' 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°45.24' N. lat., 118°24.55' 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°49.76' N. lat., 118°20.98' 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.;

and

(25) 33°02.94' N. lat., 118°38.42' W. long.  
 (n) 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°20.81' N. lat., 118°30.52' 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°22.20' N. lat., 118°20.11' 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°27.85' N. lat., 118°29.33' W. long.;
- (21) 33°27.91' N. lat., 118°29.93' W. long.;
- (22) 33°28.79' N. lat., 118°32.16' W. long.;

and

- (23) 33°28.90' N. lat., 118°36.43' 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]

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

Boundaries for RCAs 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 de-

fined 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.;



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- (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°23.66' N. lat., 124°28.35' W. long.;
- (75) 40°22.54' N. lat., 124°24.71' 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°50.21' N. lat., 123°14.90' 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°35.15' W. long.;
- (131) 35°58.26' N. lat., 121°32.88' W. long.;
- (132) 35°40.38' N. lat., 121°22.59' W. long.;
- (133) 35°27.74' N. lat., 121°04.69' W. long.;
- (134) 35°01.43' N. lat., 120°48.01' W. long.;
- (135) 34°37.98' N. lat., 120°46.48' W. long.;
- (136) 34°32.98' N. lat., 120°43.34' W. long.;

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(137) 34°27.00' N. lat., 120°33.31' W.  
long.;

(138) 34°23.47' N. lat., 120°24.76' W.  
long.;

(139) 34°25.78' N. lat., 120°16.82' W.  
long.;

(140) 34°24.65' N. lat., 120°04.83' W.  
long.;

(141) 34°23.18' N. lat., 119°56.18' W.  
long.;

(142) 34°19.20' N. lat., 119°41.64' W.  
long.;

(143) 34°16.82' N. lat., 119°35.32' W.  
long.;

(144) 34°13.43' N. lat., 119°32.29' W.  
long.;

(145) 34°05.39' N. lat., 119°15.13' W.  
long.;

(146) 34°07.98' N. lat., 119°13.43' W.  
long.;

(147) 34°07.64' N. lat., 119°13.10' W.  
long.;

(148) 34°04.56' N. lat., 119°13.73' W.  
long.;

(149) 34°03.90' N. lat., 119°12.66' W.  
long.;

(150) 34°03.66' N. lat., 119°06.82' W.  
long.;

(151) 34°04.58' N. lat., 119°04.91' W.  
long.;

(152) 34°01.28' N. lat., 119°00.21' W.  
long.;

(153) 34°00.19' N. lat., 119°03.14' W.  
long.;

(154) 33°59.66' N. lat., 119°03.10' W.  
long.;

(155) 33°59.54' N. lat., 119°00.88' W.  
long.;

(156) 34°00.82' N. lat., 118°59.03' W.  
long.;

(157) 33°59.11' N. lat., 118°47.52' W.  
long.;

(158) 33°59.07' N. lat., 118°36.33' W.  
long.;

(159) 33°55.06' N. lat., 118°32.86' W.  
long.;

(160) 33°53.56' N. lat., 118°37.75' W.  
long.;

(161) 33°51.22' N. lat., 118°36.14' W.  
long.;

(162) 33°50.48' N. lat., 118°32.16' W.  
long.;

(163) 33°51.86' N. lat., 118°28.71' W.  
long.;

(164) 33°50.09' N. lat., 118°27.88' W.  
long.;

(165) 33°49.95' N. lat., 118°26.38' W.  
long.;

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(166) 33°50.73' N. lat., 118°26.17' W.  
long.;

(167) 33°49.86' N. lat., 118°24.25' W.  
long.;

(168) 33°48.10' N. lat., 118°26.87' W.  
long.;

(169) 33°47.54' N. lat., 118°29.66' W.  
long.;

(170) 33°44.10' N. lat., 118°25.25' W.  
long.;

(171) 33°41.78' N. lat., 118°20.28' W.  
long.;

(172) 33°38.18' N. lat., 118°15.69' W.  
long.;

(173) 33°37.50' N. lat., 118°16.71' W.  
long.;

(174) 33°35.98' N. lat., 118°16.54' W.  
long.;

(175) 33°34.15' N. lat., 118°11.22' W.  
long.;

(176) 33°34.29' N. lat., 118°08.35' W.  
long.;

(177) 33°35.53' N. lat., 118°06.66' W.  
long.;

(178) 33°35.93' N. lat., 118°04.78' W.  
long.;

(179) 33°34.97' N. lat., 118°02.91' W.  
long.;

(180) 33°33.84' N. lat., 117°59.77' W.  
long.;

(181) 33°35.33' N. lat., 117°55.89' W.  
long.;

(182) 33°35.05' N. lat., 117°53.72' W.  
long.;

(183) 33°31.32' N. lat., 117°48.01' W.  
long.;

(184) 33°27.99' N. lat., 117°45.19' W.  
long.;

(185) 33°26.93' N. lat., 117°44.24' W.  
long.;

(186) 33°25.46' N. lat., 117°42.06' W.  
long.;

(187) 33°18.45' N. lat., 117°35.73' W.  
long.;

(188) 33°10.29' N. lat., 117°25.68' W.  
long.;

(189) 33°07.47' N. lat., 117°21.62' W.  
long.;

(190) 33°04.47' N. lat., 117°21.24' W.  
long.;

(191) 32°59.89' N. lat., 117°19.11' W.  
long.;

(192) 32°57.41' N. lat., 117°18.64' W.  
long.;

(193) 32°55.35' N. lat., 117°18.65' W.  
long.;

(194) 32°54.43' N. lat., 117°16.93' W.  
long.;

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- (195) 32°52.34' N. lat., 117°16.73' W. long.;
- (196) 32°52.64' N. lat., 117°17.76' W. long.;
- (197) 32°52.24' N. lat., 117°19.36' W. long.;
- (198) 32°47.06' N. lat., 117°21.92' W. long.;
- (199) 32°41.93' N. lat., 117°19.68' W. long.; and
- (200) 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°58.68' N. lat., 119°32.36' 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°02.20' N. lat., 120°30.37' 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°02.56' N. lat., 118°34.12' W. long.;
- (3) 32°55.54' N. lat., 118°28.87' W. long.;
- (4) 32°55.02' N. lat., 118°27.69' 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 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°34.13' N. lat., 124°29.39' 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°21.51' N. lat., 124°24.86' 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.;

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(111) 39°52.58' N. lat., 124°03.57' W. long.;	(140) 36°16.80' N. lat., 122°01.76' W. long.;
(112) 39°50.65' N. lat., 123°57.98' W. long.;	(141) 36°14.33' N. lat., 121°57.80' W. long.;
(113) 39°40.16' N. lat., 123°52.41' W. long.;	(142) 36°14.67' N. lat., 121°54.41' W. long.;
(114) 39°30.12' N. lat., 123°52.92' W. long.;	(143) 36°10.42' N. lat., 121°42.90' W. long.;
(115) 39°24.53' N. lat., 123°55.16' W. long.;	(144) 36°02.55' N. lat., 121°36.35' W. long.;
(116) 39°11.58' N. lat., 123°50.93' W. long.;	(145) 36°01.09' N. lat., 121°36.41' W. long.;
(117) 38°57.50' N. lat., 123°51.14' W. long.;	(146) 35°58.25' N. lat., 121°32.88' W. long.;
(118) 38°55.13' N. lat., 123°51.14' W. long.;	(147) 35°40.38' N. lat., 121°22.59' W. long.;
(119) 38°28.58' N. lat., 123°22.84' W. long.;	(148) 35°26.31' N. lat., 121°03.73' W. long.;
(120) 38°08.57' N. lat., 123°14.74' W. long.;	(149) 35°01.36' N. lat., 120°49.02' W. long.;
(121) 38°00.00' N. lat., 123°15.61' W. long.;	(150) 34°39.52' N. lat., 120°48.72' W. long.;
(122) 37°56.98' N. lat., 123°21.82' W. long.;	(151) 34°31.26' N. lat., 120°44.12' W. long.;
(123) 37°49.65' N. lat., 123°17.48' W. long.;	(152) 34°27.00' N. lat., 120°36.00' W. long.;
(124) 37°36.41' N. lat., 122°58.09' W. long.;	(153) 34°23.00' N. lat., 120°25.32' W. long.;
(125) 37°11.00' N. lat., 122°40.22' W. long.;	(154) 34°25.65' N. lat., 120°17.20' W. long.;
(126) 37°07.00' N. lat., 122°37.64' W. long.;	(155) 34°23.18' N. lat., 119°56.17' W. long.;
(127) 37°02.08' N. lat., 122°25.49' W. long.;	(156) 34°18.73' N. lat., 119°41.89' W. long.;
(128) 36°48.20' N. lat., 122°03.32' W. long.;	(157) 34°11.18' N. lat., 119°31.21' W. long.;
(129) 36°51.46' N. lat., 121°57.54' W. long.;	(158) 34°10.01' N. lat., 119°25.84' W. long.;
(130) 36°48.13' N. lat., 121°58.16' W. long.;	(159) 34°03.88' N. lat., 119°12.46' W. long.;
(131) 36°48.84' N. lat., 121°50.06' W. long.;	(160) 34°03.58' N. lat., 119°06.71' W. long.;
(132) 36°45.38' N. lat., 121°53.56' W. long.;	(161) 34°04.52' N. lat., 119°04.89' W. long.;
(133) 36°45.13' N. lat., 121°57.06' W. long.;	(162) 34°01.28' N. lat., 119°00.27' W. long.;
(134) 36°36.86' N. lat., 122°00.81' W. long.;	(163) 34°00.20' N. lat., 119°03.18' W. long.;
(135) 36°32.77' N. lat., 121°58.90' W. long.;	(164) 33°59.60' N. lat., 119°03.14' W. long.;
(136) 36°33.03' N. lat., 121°57.63' W. long.;	(165) 33°59.45' N. lat., 119°00.87' W. long.;
(137) 36°31.87' N. lat., 121°56.10' W. long.;	(166) 34°00.71' N. lat., 118°59.07' W. long.;
(138) 36°31.59' N. lat., 121°58.27' W. long.;	(167) 33°59.05' N. lat., 118°47.34' W. long.;
(139) 36°23.26' N. lat., 121°57.70' W. long.;	(168) 33°58.86' N. lat., 118°36.24' W. long.;

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(169) 33°55.05' N. lat., 118°32.85' 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°49.95' N. lat., 118°26.38' W. long.;  
 (176) 33°50.73' N. lat., 118°26.16' 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.;

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(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°43.52' N. lat., 117°19.32' 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.  
 (g) 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°59.32' N. lat., 119°55.65' 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.;

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- (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.  
 (h) 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°34.12' W. long.;
- (3) 32°55.54' N. lat., 118°28.87' 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°47.60' 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.  
 (i) 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°25.35' N. lat., 118°22.83' 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.  
 (j) 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.;

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- (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°37.50' N. lat., 124°28.68' W. long.;
- (100) 40°34.42' N. lat., 124°29.65' W. long.;
- (101) 40°34.74' N. lat., 124°34.61' W. long.;
- (102) 40°31.70' N. lat., 124°37.13' W. long.;
- (103) 40°30.00' N. lat., 124°36.50' W. long.;
- (104) 40°25.03' N. lat., 124°34.77' W. long.;
- (105) 40°23.58' N. lat., 124°31.49' W. long.;
- (106) 40°23.64' N. lat., 124°28.35' W. long.;
- (107) 40°22.53' N. lat., 124°24.76' W. long.;
- (108) 40°21.46' N. lat., 124°24.86' W. long.;
- (109) 40°21.74' N. lat., 124°27.63' W. long.;
- (110) 40°19.76' N. lat., 124°28.15' W. long.;
- (111) 40°18.00' N. lat., 124°25.38' W. long.;
- (112) 40°18.54' N. lat., 124°22.94' W. long.;
- (113) 40°15.55' N. lat., 124°25.75' W. long.;
- (114) 40°16.06' N. lat., 124°30.48' W. long.;
- (115) 40°15.75' N. lat., 124°31.69' W. long.;
- (116) 40°10.00' N. lat., 124°21.28' W. long.;
- (117) 40°08.37' N. lat., 124°17.99' W. long.;
- (118) 40°09.00' N. lat., 124°15.77' W. long.;
- (119) 40°06.93' N. lat., 124°16.49' W. long.;
- (120) 40°03.60' N. lat., 124°11.60' W. long.;
- (121) 40°06.20' N. lat., 124°08.23' W. long.;
- (122) 40°00.94' N. lat., 124°08.57' W. long.;
- (123) 40°00.01' N. lat., 124°09.84' W. long.;
- (124) 39°57.75' N. lat., 124°09.53' W. long.;
- (125) 39°55.56' N. lat., 124°07.67' W. long.;
- (126) 39°52.21' N. lat., 124°05.54' W. long.;
- (127) 39°48.07' N. lat., 123°57.48' W. long.;
- (128) 39°41.60' N. lat., 123°55.12' W. long.;
- (129) 39°30.39' N. lat., 123°55.03' W. long.;
- (130) 39°29.48' N. lat., 123°56.12' W. long.;
- (131) 39°13.76' N. lat., 123°54.65' W. long.;
- (132) 39°05.21' N. lat., 123°55.38' W. long.;
- (133) 38°57.50' N. lat., 123°54.50' W. long.;
- (134) 38°55.90' N. lat., 123°54.35' W. long.;
- (135) 38°48.59' N. lat., 123°49.61' W. long.;
- (136) 38°28.82' N. lat., 123°27.44' W. long.;
- (137) 38°09.70' N. lat., 123°18.66' W. long.;
- (138) 38°01.81' N. lat., 123°19.22' W. long.;
- (139) 38°00.00' N. lat., 123°22.19' W. long.;
- (140) 37°57.70' N. lat., 123°25.98' W. long.;



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(141) 37°56.73' N. lat., 123°25.22' W. long.;	(171) 36°45.30' N. lat., 121°57.62' W. long.;
(142) 37°55.59' N. lat., 123°25.62' W. long.;	(172) 36°38.54' N. lat., 122°01.13' W. long.;
(143) 37°52.79' N. lat., 123°23.85' W. long.;	(173) 36°35.76' N. lat., 122°00.87' W. long.;
(144) 37°49.13' N. lat., 123°18.83' W. long.;	(174) 36°32.58' N. lat., 121°59.12' W. long.;
(145) 37°46.01' N. lat., 123°12.28' W. long.;	(175) 36°32.95' N. lat., 121°57.62' W. long.;
(146) 37°35.67' N. lat., 123°00.33' W. long.;	(176) 36°31.96' N. lat., 121°56.27' W. long.;
(147) 37°28.20' N. lat., 122°54.92' W. long.;	(177) 36°31.74' N. lat., 121°58.24' W. long.;
(148) 37°27.34' N. lat., 122°52.91' W. long.;	(178) 36°30.57' N. lat., 121°59.66' W. long.;
(149) 37°26.45' N. lat., 122°52.95' W. long.;	(179) 36°27.80' N. lat., 121°59.30' W. long.;
(150) 37°26.06' N. lat., 122°51.17' W. long.;	(180) 36°26.52' N. lat., 121°58.09' W. long.;
(151) 37°23.07' N. lat., 122°51.34' W. long.;	(181) 36°23.65' N. lat., 121°58.94' W. long.;
(152) 37°11.00' N. lat., 122°43.89' W. long.;	(182) 36°20.93' N. lat., 122°00.28' W. long.;
(153) 37°07.00' N. lat., 122°41.06' W. long.;	(183) 36°17.49' N. lat., 122°03.08' W. long.;
(154) 37°04.12' N. lat., 122°38.94' W. long.;	(184) 36°14.21' N. lat., 121°57.80' W. long.;
(155) 37°00.64' N. lat., 122°33.26' W. long.;	(185) 36°14.53' N. lat., 121°54.99' W. long.;
(156) 36°59.15' N. lat., 122°27.84' W. long.;	(186) 36°10.42' N. lat., 121°42.90' W. long.;
(157) 37°1.41' N. lat., 122°24.41' W. long.;	(187) 36°02.55' N. lat., 121°36.35' W. long.;
(158) 36°58.75' N. lat., 122°23.81' W. long.;	(188) 36°01.04' N. lat., 121°36.47' W. long.;
(159) 36°59.17' N. lat., 122°21.44' W. long.;	(189) 36°00.00' N. lat., 121°35.40' W. long.;
(160) 36°57.51' N. lat., 122°20.69' W. long.;	(190) 35°58.25' N. lat., 121°32.88' W. long.;
(161) 36°51.46' N. lat., 122°10.01' W. long.;	(191) 35°39.35' N. lat., 121°22.63' W. long.;
(162) 36°48.43' N. lat., 122°06.47' W. long.;	(192) 35°25.09' N. lat., 121°03.02' W. long.;
(163) 36°48.66' N. lat., 122°04.99' W. long.;	(193) 35°10.84' N. lat., 120°55.90' W. long.;
(164) 36°47.75' N. lat., 122°03.33' W. long.;	(194) 35°04.35' N. lat., 120°51.62' W. long.;
(165) 36°51.23' N. lat., 121°57.79' W. long.;	(195) 34°55.25' N. lat., 120°49.36' W. long.;
(166) 36°49.72' N. lat., 121°57.87' W. long.;	(196) 34°47.95' N. lat., 120°50.76' W. long.;
(167) 36°48.84' N. lat., 121°58.68' W. long.;	(197) 34°39.27' N. lat., 120°49.16' W. long.;
(168) 36°47.89' N. lat., 121°58.53' W. long.;	(198) 34°31.05' N. lat., 120°44.71' W. long.;
(169) 36°48.66' N. lat., 121°50.49' W. long.;	(199) 34°27.00' N. lat., 120°36.54' W. long.;
(170) 36°45.56' N. lat., 121°54.11' W. long.;	

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(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°03.89' N. lat., 119°12.47' W. long.;

(207) 34°03.57' N. lat., 119°06.72' W. long.;

(208) 34°04.53' N. lat., 119°04.90' W. long.;

(209) 34°02.84' N. lat., 119°02.37' W. long.;

(210) 34°01.30' N. lat., 119°00.26' 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°59.07' N. lat., 118°47.34' 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.;

(22) 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°44.11' N. lat., 118°25.25' W. long.;

(228) 33°41.62' N. lat., 118°20.31' W. long.;

(229) 33°38.15' N. lat., 118°15.85' W. long.;

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(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.;

(256) 32°33.83' N. lat., 117°19.18' W. long.

(k) 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:

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- (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°56.12' N. lat., 119°41.10' W. long.;
- (16) 33°55.74' N. lat., 119°48.00' W. long.;
- (17) 33°56.91' N. lat., 119°52.04' W. long.;
- (18) 33°59.06' N. lat., 119°55.38' W. long.;
- (19) 33°57.82' N. lat., 119°54.99' W. long.;
- (20) 33°56.58' N. lat., 119°53.75' W. long.;
- (21) 33°54.43' N. lat., 119°54.07' W. long.;
- (22) 33°52.67' N. lat., 119°54.78' W. long.;
- (23) 33°48.33' N. lat., 119°55.09' W. long.;
- (24) 33°47.28' N. lat., 119°57.30' W. long.;
- (25) 33°47.36' N. lat., 120°00.39' W. long.;
- (26) 33°49.16' N. lat., 120°05.06' W. long.;
- (27) 33°52.00' N. lat., 120°08.15' W. long.;
- (28) 33°58.11' N. lat., 120°25.59' W. long.;
- (29) 34°02.15' N. lat., 120°32.70' W. long.;
- (30) 34°08.86' N. lat., 120°37.12' W. long.;

and

- (31) 34°10.82' N. lat., 120°33.26' W. long.

(1) 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°55.54' N. lat., 118°28.87' 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.

(m) 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°28.17' N. lat., 118°38.16' W. long.;

- (2) 33°29.35' N. lat., 118°36.23' 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°26.33' N. lat., 118°25.37' W. long.;
- (6) 33°25.35' N. lat., 118°22.83' 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°24.96' N. lat., 118°32.21' 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°28.17' N. lat., 118°38.16' 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]

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

Boundaries for RCAs 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.;

**Fishery Conservation and Management**

**§ 660.73**

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|--|--|
| (119) 44°12.92' N. lat., 124°56.28' W.<br>long.; | (148) 42°16.29' N. lat., 124°36.11' W.<br>long.; |
| (120) 44°02.34' N. lat., 124°55.46' W.<br>long.; | (149) 42°13.67' N. lat., 124°35.81' W.<br>long.; |
| (121) 43°59.18' N. lat., 124°56.94' W.<br>long.; | (150) 42°05.66' N. lat., 124°34.92' W.<br>long.; |
| (122) 43°56.74' N. lat., 124°56.74' W.<br>long.; | (151) 42°00.00' N. lat., 124°35.27' W.<br>long.; |
| (123) 43°56.07' N. lat., 124°55.41' W.<br>long.; | (152) 41°47.04' N. lat., 124°27.64' W.<br>long.; |
| (124) 43°55.41' N. lat., 124°52.21' W.<br>long.; | (153) 41°32.92' N. lat., 124°28.79' W.<br>long.; |
| (125) 43°54.62' N. lat., 124°48.23' W.<br>long.; | (154) 41°24.17' N. lat., 124°28.46' W.<br>long.; |
| (126) 43°55.90' N. lat., 124°41.11' W.<br>long.; | (155) 41°10.12' N. lat., 124°20.50' W.<br>long.; |
| (127) 43°57.36' N. lat., 124°38.68' W.<br>long.; | (156) 40°51.41' N. lat., 124°24.38' W.<br>long.; |
| (128) 43°56.47' N. lat., 124°34.61' W.<br>long.; | (157) 40°43.71' N. lat., 124°29.89' W.<br>long.; |
| (129) 43°42.73' N. lat., 124°32.41' W.<br>long.; | (158) 40°40.14' N. lat., 124°30.90' W.<br>long.; |
| (130) 43°30.92' N. lat., 124°34.43' W.<br>long.; | (159) 40°37.35' N. lat., 124°29.05' W.<br>long.; |
| (131) 43°20.83' N. lat., 124°39.39' W.<br>long.; | (160) 40°34.76' N. lat., 124°29.82' W.<br>long.; |
| (132) 43°17.45' N. lat., 124°41.16' W.<br>long.; | (161) 40°36.78' N. lat., 124°37.06' W.<br>long.; |
| (133) 43°07.04' N. lat., 124°41.25' W.<br>long.; | (162) 40°32.44' N. lat., 124°39.58' W.<br>long.; |
| (134) 43°03.45' N. lat., 124°44.36' W.<br>long.; | (163) 40°30.37' N. lat., 124°37.30' W.<br>long.; |
| (135) 43°03.91' N. lat., 124°50.81' W.<br>long.; | (164) 40°28.48' N. lat., 124°36.95' W.<br>long.; |
| (136) 42°55.70' N. lat., 124°52.79' W.<br>long.; | (165) 40°24.82' N. lat., 124°35.12' W.<br>long.; |
| (137) 42°54.12' N. lat., 124°47.36' W.<br>long.; | (166) 40°23.30' N. lat., 124°31.60' W.<br>long.; |
| (138) 42°50.00' N. lat., 124°45.33' W.<br>long.; | (167) 40°23.52' N. lat., 124°28.78' W.<br>long.; |
| (139) 42°44.00' N. lat., 124°42.38' W.<br>long.; | (168) 40°22.43' N. lat., 124°25.00' W.<br>long.; |
| (140) 42°40.50' N. lat., 124°41.71' W.<br>long.; | (169) 40°21.72' N. lat., 124°24.94' W.<br>long.; |
| (141) 42°38.23' N. lat., 124°41.25' W.<br>long.; | (170) 40°21.87' N. lat., 124°27.96' W.<br>long.; |
| (142) 42°33.02' N. lat., 124°42.38' W.<br>long.; | (171) 40°21.40' N. lat., 124°28.74' W.<br>long.; |
| (143) 42°31.90' N. lat., 124°42.04' W.<br>long.; | (172) 40°19.68' N. lat., 124°28.49' W.<br>long.; |
| (144) 42°30.08' N. lat., 124°42.67' W.<br>long.; | (173) 40°17.73' N. lat., 124°25.43' W.<br>long.; |
| (145) 42°28.28' N. lat., 124°47.08' W.<br>long.; | (174) 40°18.37' N. lat., 124°23.35' W.<br>long.; |
| (146) 42°25.22' N. lat., 124°43.51' W.<br>long.; | (175) 40°15.75' N. lat., 124°26.05' W.<br>long.; |
| (147) 42°19.23' N. lat., 124°37.91' W.<br>long.; | (176) 40°16.75' N. lat., 124°33.71' W.<br>long.; |

**§ 660.73**

(177) 40°16.29' N. lat., 124°34.36' W.  
long.;

(178) 40°10.00' N. lat., 124°21.12' W.  
long.;

(179) 40°07.70' N. lat., 124°18.44' W.  
long.;

(180) 40°08.84' N. lat., 124°15.86' W.  
long.;

(181) 40°06.53' N. lat., 124°17.39' W.  
long.;

(182) 40°03.15' N. lat., 124°14.43' W.  
long.;

(183) 40°02.19' N. lat., 124°12.85' W.  
long.;

(184) 40°02.89' N. lat., 124°11.78' W.  
long.;

(185) 40°02.78' N. lat., 124°10.70' W.  
long.;

(186) 40°04.57' N. lat., 124°10.08' W.  
long.;

(187) 40°06.06' N. lat., 124°08.30' W.  
long.;

(188) 40°04.05' N. lat., 124°08.93' W.  
long.;

(189) 40°01.17' N. lat., 124°08.80' W.  
long.;

(190) 40°01.03' N. lat., 124°10.06' W.  
long.;

(191) 39°58.07' N. lat., 124°11.89' W.  
long.;

(192) 39°56.39' N. lat., 124°08.71' W.  
long.;

(193) 39°54.64' N. lat., 124°07.30' W.  
long.;

(194) 39°53.86' N. lat., 124°07.95' W.  
long.;

(195) 39°51.95' N. lat., 124°07.63' W.  
long.;

(196) 39°48.78' N. lat., 124°03.29' W.  
long.;

(197) 39°47.36' N. lat., 124°03.31' W.  
long.;

(198) 39°40.08' N. lat., 123°58.37' W.  
long.;

(199) 39°36.16' N. lat., 123°56.90' W.  
long.;

(200) 39°30.75' N. lat., 123°55.86' W.  
long.;

(201) 39°31.62' N. lat., 123°57.33' W.  
long.;

(202) 39°30.91' N. lat., 123°57.88' W.  
long.;

(203) 39°01.79' N. lat., 123°56.59' W.  
long.;

(204) 38°59.42' N. lat., 123°55.67' W.  
long.;

(205) 38°58.89' N. lat., 123°56.28' W.  
long.;

**50 CFR Ch. VI (10–1–15 Edition)**

(206) 38°57.50' N. lat., 123°56.28' W.  
long.;

(207) 38°54.72' N. lat., 123°55.68' W.  
long.;

(208) 38°48.95' N. lat., 123°51.85' W.  
long.;

(209) 38°36.67' N. lat., 123°40.20' W.  
long.;

(210) 38°33.82' N. lat., 123°39.23' W.  
long.;

(211) 38°29.02' N. lat., 123°33.52' W.  
long.;

(212) 38°18.88' N. lat., 123°25.93' W.  
long.;

(213) 38°14.12' N. lat., 123°23.26' W.  
long.;

(214) 38°11.07' N. lat., 123°22.07' W.  
long.;

(215) 38°03.18' N. lat., 123°20.77' W.  
long.;

(216) 38°00.00' N. lat., 123°23.08' W.  
long.;

(217) 37°55.07' N. lat., 123°26.81' W.  
long.;

(218) 37°50.66' N. lat., 123°23.06' W.  
long.;

(219) 37°45.18' N. lat., 123°11.88' W.  
long.;

(220) 37°35.67' N. lat., 123°01.20' W.  
long.;

(221) 37°26.81' N. lat., 122°55.57' W.  
long.;

(222) 37°26.78' N. lat., 122°53.91' W.  
long.;

(223) 37°25.74' N. lat., 122°54.13' W.  
long.;

(224) 37°25.33' N. lat., 122°53.59' W.  
long.;

(225) 37°25.29' N. lat., 122°52.57' W.  
long.;

(226) 37°24.50' N. lat., 122°52.09' W.  
long.;

(227) 37°23.25' N. lat., 122°53.12' W.  
long.;

(228) 37°15.58' N. lat., 122°48.36' W.  
long.;

(229) 37°11.00' N. lat., 122°44.50' W.  
long.;

(230) 37°07.00' N. lat., 122°41.25' W.  
long.;

(231) 37°03.18' N. lat., 122°38.15' W.  
long.;

(232) 37°00.48' N. lat., 122°33.93' W.  
long.;

(233) 36°58.70' N. lat., 122°27.22' W.  
long.;

(234) 37°00.85' N. lat., 122°24.70' W.  
long.;

**Fishery Conservation and Management**

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(235) 36°58.00' N. lat., 122°24.14' W. long.;	(264) 36°14.43' N. lat., 121°55.43' W. long.;
(236) 36°58.74' N. lat., 122°21.51' W. long.;	(265) 36°10.24' N. lat., 121°43.08' W. long.;
(237) 36°56.97' N. lat., 122°21.32' W. long.;	(266) 36°07.66' N. lat., 121°40.91' W. long.;
(238) 36°51.52' N. lat., 122°10.68' W. long.;	(267) 36°02.49' N. lat., 121°36.51' W. long.;
(239) 36°48.39' N. lat., 122°07.60' W. long.;	(268) 36°01.08' N. lat., 121°36.63' W. long.;
(240) 36°47.43' N. lat., 122°03.22' W. long.;	(269) 36°00.00' N. lat., 121°35.41' W. long.;
(241) 36°50.95' N. lat., 121°58.03' W. long.;	(270) 35°57.84' N. lat., 121°32.81' W. long.;
(242) 36°49.92' N. lat., 121°58.01' W. long.;	(271) 35°50.36' N. lat., 121°29.32' W. long.;
(243) 36°48.88' N. lat., 121°58.90' W. long.;	(272) 35°39.03' N. lat., 121°22.86' W. long.;
(244) 36°47.70' N. lat., 121°58.75' W. long.;	(273) 35°24.30' N. lat., 121°02.56' W. long.;
(245) 36°48.37' N. lat., 121°51.14' W. long.;	(274) 35°16.53' N. lat., 121°00.39' W. long.;
(246) 36°45.74' N. lat., 121°54.17' W. long.;	(275) 35°04.82' N. lat., 120°53.96' W. long.;
(247) 36°45.51' N. lat., 121°57.72' W. long.;	(276) 34°52.51' N. lat., 120°51.62' W. long.;
(248) 36°38.84' N. lat., 122°01.32' W. long.;	(277) 34°43.36' N. lat., 120°52.12' W. long.;
(249) 36°35.62' N. lat., 122°00.98' W. long.;	(278) 34°37.64' N. lat., 120°49.99' W. long.;
(250) 36°32.46' N. lat., 121°59.15' W. long.;	(279) 34°30.80' N. lat., 120°45.02' W. long.;
(251) 36°32.79' N. lat., 121°57.67' W. long.;	(280) 34°27.00' N. lat., 120°39.00' W. long.;
(252) 36°31.98' N. lat., 121°56.55' W. long.;	(281) 34°21.90' N. lat., 120°25.25' W. long.;
(253) 36°31.79' N. lat., 121°58.40' W. long.;	(282) 34°24.86' N. lat., 120°16.81' W. long.;
(254) 36°30.73' N. lat., 121°59.70' W. long.;	(283) 34°22.80' N. lat., 119°57.06' W. long.;
(255) 36°30.31' N. lat., 122°00.22' W. long.;	(284) 34°18.59' N. lat., 119°44.84' W. long.;
(256) 36°29.35' N. lat., 122°00.36' W. long.;	(285) 34°15.04' N. lat., 119°40.34' W. long.;
(257) 36°27.66' N. lat., 121°59.80' W. long.;	(286) 34°14.40' N. lat., 119°45.39' W. long.;
(258) 36°26.22' N. lat., 121°58.35' W. long.;	(287) 34°12.32' N. lat., 119°42.41' W. long.;
(259) 36°21.20' N. lat., 122°00.72' W. long.;	(288) 34°09.71' N. lat., 119°28.85' W. long.;
(260) 36°20.47' N. lat., 122°02.92' W. long.;	(289) 34°04.70' N. lat., 119°15.38' W. long.;
(261) 36°18.46' N. lat., 122°04.51' W. long.;	(2902) 34°03.33' N. lat., 119°12.93' W. long.;
(262) 36°15.92' N. lat., 122°01.33' W. long.;	(291) 34°02.72' N. lat., 119°07.01' W. long.;
(263) 36°13.76' N. lat., 121°57.27' W. long.;	(292) 34°03.90' N. lat., 119°04.64' W. long.;

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- (293) 34°01.80' N. lat., 119°03.23' W. long.;
- (294) 33°59.32' N. lat., 119°03.50' W. long.;
- (295) 33°59.00' N. lat., 118°59.55' W. long.;
- (296) 33°59.51' N. lat., 118°57.25' W. long.;
- (297) 33°58.82' N. lat., 118°52.47' W. long.;
- (298) 33°58.54' N. lat., 118°41.86' W. long.;
- (299) 33°55.07' N. lat., 118°34.25' W. long.;
- (300) 33°54.28' N. lat., 118°38.68' W. long.;
- (301) 33°51.00' N. lat., 118°36.66' W. long.;
- (302) 33°39.77' N. lat., 118°18.41' W. long.;
- (303) 33°35.50' N. lat., 118°16.85' W. long.;
- (304) 33°32.68' N. lat., 118°09.82' W. long.;
- (305) 33°34.09' N. lat., 117°54.06' W. long.;
- (306) 33°31.60' N. lat., 117°49.28' W. long.;
- (307) 33°16.07' N. lat., 117°34.74' W. long.;
- (308) 33°07.06' N. lat., 117°22.71' W. long.;
- (309) 32°59.28' N. lat., 117°19.69' W. long.;
- (310) 32°55.36' N. lat., 117°19.54' W. long.;
- (311) 32°53.35' N. lat., 117°17.05' W. long.;
- (312) 32°53.36' N. lat., 117°19.97' W. long.;
- (313) 32°46.39' N. lat., 117°23.45' W. long.;
- (314) 32°42.79' N. lat., 117°21.16' W. long.;
- (315) 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°04.73' N. lat., 118°37.98' W. long.;
- (2) 33°02.67' N. lat., 118°34.06' W. long.;
- (3) 32°55.80' N. lat., 118°28.92' W. long.;
- (4) 32°49.78' N. lat., 118°20.88' W. long.;
- (5) 32°48.01' N. lat., 118°19.49' W. long.;
- (6) 32°47.53' N. lat., 118°21.76' W. long.;
- (7) 32°44.03' N. lat., 118°24.70' W. long.;
- (8) 32°49.75' N. lat., 118°32.10' W. long.;

- (9) 32°53.36' N. lat., 118°33.23' W. long.;
- (10) 32°55.17' N. lat., 118°34.64' W. long.;
- (11) 32°55.13' N. lat., 118°35.31' W. long.;
- (12) 33°00.22' N. lat., 118°38.68' W. long.;
- (13) 33°03.13' N. lat., 118°39.59' W. long.;

and

- (14) 33°04.73' N. lat., 118°37.98' 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°18.10' N. lat., 118°27.95' W. long.;
- (11) 33°19.84' N. lat., 118°32.16' W. long.;
- (12) 33°20.83' N. lat., 118°32.83' W. long.;
- (13) 33°21.91' N. lat., 118°31.98' W. long.;
- (14) 33°23.05' N. lat., 118°30.11' 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 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.;



**Fishery Conservation and Management**

**§ 660.73**

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|--|---|
| (24) 48°15.39' N. lat., 125°02.83' W. long.; | (83) 46°55.98' N. lat., 124°54.60' W. long.;  |
| (25) 48°18.32' N. lat., 125°01.00' W. long.; | (84) 46°54.90' N. lat., 124°54.14' W. long.;  |
| (26) 48°21.67' N. lat., 125°01.86' W. long.; | (85) 46°58.47' N. lat., 124°49.65' W. long.;  |
| (27) 48°25.70' N. lat., 125°00.10' W. long.; | (86) 46°54.44' N. lat., 124°48.79' W. long.;  |
| (28) 48°26.43' N. lat., 124°56.65' W. long.; | (87) 46°54.41' N. lat., 124°52.87' W. long.;  |
| (29) 48°24.28' N. lat., 124°56.48' W. long.; | (88) 46°49.36' N. lat., 124°52.77' W. long.;  |
| (30) 48°23.27' N. lat., 124°59.12' W. long.; | (89) 46°40.06' N. lat., 124°45.34' W. long.;  |
| (31) 48°21.79' N. lat., 124°59.30' W. long.; | (90) 46°39.64' N. lat., 124°42.21' W. long.;  |
| (32) 48°20.71' N. lat., 124°58.74' W. long.; | (91) 46°34.27' N. lat., 124°34.63' W. long.;  |
| (33) 48°19.84' N. lat., 124°57.09' W. long.; | (92) 46°33.58' N. lat., 124°29.10' W. long.;  |
| (34) 48°22.06' N. lat., 124°54.78' W. long.; | (93) 46°25.64' N. lat., 124°32.57' W. long.;  |
| (35) 48°22.45' N. lat., 124°53.35' W. long.; | (94) 46°21.33' N. lat., 124°36.36' W. long.;  |
| (36) 48°22.74' N. lat., 124°50.96' W. long.; | (95) 46°20.59' N. lat., 124°36.15' W. long.;  |
| (37) 48°21.04' N. lat., 124°52.60' W. long.; | (96) 46°19.38' N. lat., 124°38.21' W. long.;  |
| (38) 48°18.07' N. lat., 124°55.85' W. long.; | (97) 46°17.94' N. lat., 124°38.10' W. long.;  |
| (39) 48°15.03' N. lat., 124°58.16' W. long.; | (98) 46°16.00' N. lat., 124°22.17' W. long.;  |
| (40) 48°11.31' N. lat., 124°58.53' W. long.; | (99) 46°13.37' N. lat., 124°30.70' W. long.;  |
| (41) 48°06.25' N. lat., 125°00.06' W. long.; | (100) 46°12.20' N. lat., 124°36.04' W. long.; |
| (42) 48°04.70' N. lat., 125°01.80' W. long.; | (101) 46°11.01' N. lat., 124°38.68' W. long.; |
| (43) 48°04.93' N. lat., 125°03.92' W. long.; | (102) 46°09.73' N. lat., 124°39.91' W. long.; |
| (44) 48°06.44' N. lat., 125°06.50' W. long.; | (103) 46°03.23' N. lat., 124°42.03' W. long.; |
| (45) 48°07.34' N. lat., 125°09.35' W. long.; | (104) 46°01.16' N. lat., 124°42.06' W. long.; |
| (46) 48°07.62' N. lat., 125°11.37' W. long.; | (105) 46°00.35' N. lat., 124°42.26' W. long.; |
| (47) 48°03.71' N. lat., 125°17.63' W. long.; | (106) 45°52.81' N. lat., 124°41.62' W. long.; |
| (48) 48°01.35' N. lat., 125°18.66' W. long.; | (107) 45°49.70' N. lat., 124°41.14' W. long.; |
| (49) 48°00.05' N. lat., 125°19.66' W. long.; | (108) 45°46.00' N. lat., 124°38.92' W. long.; |
| (50) 47°59.51' N. lat., 125°18.90' W. long.; | (109) 45°45.18' N. lat., 124°38.39' W. long.; |
| (51) 47°58.29' N. lat., 125°16.64' W. long.; | (110) 45°43.24' N. lat., 124°37.77' W. long.; |
| (52) 47°54.67' N. lat., 125°13.20' W. long.; | (111) 45°34.75' N. lat., 124°28.58' W. long.; |
| (53) 47°53.15' N. lat., 125°12.53' W. long.; | (112) 45°19.90' N. lat., 124°21.34' W. long.; |
| (54) 47°48.46' N. lat., 125°04.72' W. long.; | (113) 45°12.44' N. lat., 124°19.34' W. long.; |
| (55) 47°46.10' N. lat., 125°04.00' W. long.; | (114) 45°07.48' N. lat., 124°19.73' W. long.; |
| (56) 47°44.60' N. lat., 125°04.49' W. long.; | (115) 45°03.83' N. lat., 124°21.20' W. long.; |
| (57) 47°42.90' N. lat., 125°04.72' W. long.; | (116) 44°59.96' N. lat., 124°22.91' W. long.; |
| (58) 47°40.71' N. lat., 125°04.68' W. long.; | (117) 44°54.73' N. lat., 124°26.84' W. long.; |
| (59) 47°39.02' N. lat., 125°05.63' W. long.; | (118) 44°51.16' N. lat., 124°31.41' W. long.; |
| (60) 47°34.86' N. lat., 125°02.11' W. long.; | (119) 44°49.97' N. lat., 124°32.37' W. long.; |
| (61) 47°31.64' N. lat., 124°58.11' W. long.; | (120) 44°47.06' N. lat., 124°34.43' 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.; |   |

**§ 660.73**

(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.;

**50 CFR Ch. VI (10–1–15 Edition)**

(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.;

**Fishery Conservation and Management**

**§ 660.73**

(180) 40°37.02' N. lat., 124°37.10' W. long.;	(209) 39°58.05' N. lat., 124°11.87' W. long.;
(181) 40°35.82' N. lat., 124°39.58' W. long.;	(210) 39°56.39' N. lat., 124°08.70' W. long.;
(182) 40°31.70' N. lat., 124°39.97' W. long.;	(211) 39°54.64' N. lat., 124°07.31' W. long.;
(183) 40°30.35' N. lat., 124°37.52' W. long.;	(212) 39°53.87' N. lat., 124°07.95' W. long.;
(184) 40°28.39' N. lat., 124°37.16' W. long.;	(213) 39°52.42' N. lat., 124°08.18' W. long.;
(185) 40°24.77' N. lat., 124°35.39' W. long.;	(214) 39°42.50' N. lat., 124°00.60' W. long.;
(186) 40°23.22' N. lat., 124°31.87' W. long.;	(215) 39°34.23' N. lat., 123°56.82' W. long.;
(187) 40°23.40' N. lat., 124°28.65' W. long.;	(216) 39°33.00' N. lat., 123°56.44' W. long.;
(188) 40°22.30' N. lat., 124°25.27' W. long.;	(217) 39°30.96' N. lat., 123°56.00' W. long.;
(189) 40°21.91' N. lat., 124°25.18' W. long.;	(218) 39°32.03' N. lat., 123°57.44' W. long.;
(190) 40°21.91' N. lat., 124°27.97' W. long.;	(219) 39°31.43' N. lat., 123°58.16' W. long.;
(191) 40°21.37' N. lat., 124°29.03' W. long.;	(220) 39°05.56' N. lat., 123°57.24' W. long.;
(192) 40°19.74' N. lat., 124°28.71' W. long.;	(221) 39°01.75' N. lat., 123°56.83' W. long.;
(193) 40°18.52' N. lat., 124°27.26' W. long.;	(222) 38°59.52' N. lat., 123°55.95' W. long.;
(194) 40°17.57' N. lat., 124°25.49' W. long.;	(223) 38°58.98' N. lat., 123°56.57' W. long.;
(195) 40°18.20' N. lat., 124°23.63' W. long.;	(224) 38°57.50' N. lat., 123°56.57' W. long.;
(196) 40°15.89' N. lat., 124°26.00' W. long.;	(225) 38°53.91' N. lat., 123°56.00' W. long.;
(197) 40°17.00' N. lat., 124°35.01' W. long.;	(226) 38°42.57' N. lat., 123°46.60' W. long.;
(198) 40°15.97' N. lat., 124°35.91' W. long.;	(227) 38°28.72' N. lat., 123°35.61' W. long.;
(199) 40°10.00' N. lat., 124°22.00' W. long.;	(228) 38°28.01' N. lat., 123°36.47' W. long.;
(200) 40°07.35' N. lat., 124°18.64' W. long.;	(229) 38°20.94' N. lat., 123°31.26' W. long.;
(201) 40°08.46' N. lat., 124°16.24' W. long.;	(230) 38°15.94' N. lat., 123°25.33' W. long.;
(202) 40°06.26' N. lat., 124°17.54' W. long.;	(231) 38°10.95' N. lat., 123°23.19' W. long.;
(203) 40°03.26' N. lat., 124°15.30' W. long.;	(232) 38°05.52' N. lat., 123°22.90' W. long.;
(204) 40°02.00' N. lat., 124°12.97' W. long.;	(233) 38°08.46' N. lat., 123°26.23' W. long.;
(205) 40°02.60' N. lat., 124°10.61' W. long.;	(234) 38°06.95' N. lat., 123°28.03' W. long.;
(206) 40°03.63' N. lat., 124°09.12' W. long.;	(235) 38°06.34' N. lat., 123°29.80' W. long.;
(207) 40°02.18' N. lat., 124°09.07' W. long.;	(236) 38°04.57' N. lat., 123°31.24' W. long.;
(208) 40°01.26' N. lat., 124°09.86' W. long.;	(237) 38°02.33' N. lat., 123°31.02' W. long.;

§ 660.73

(238) 38°00.00' N. lat., 123°28.23' W.  
long.;  
(239) 37°58.10' N. lat., 123°26.69' W.  
long.;  
(240) 37°55.46' N. lat., 123°27.05' W.  
long.;  
(241) 37°51.51' N. lat., 123°24.86' W.  
long.;  
(242) 37°45.01' N. lat., 123°12.09' W.  
long.;  
(243) 37°35.67' N. lat., 123°01.56' W.  
long.;  
(244) 37°26.62' N. lat., 122°56.21' W.  
long.;  
(245) 37°14.41' N. lat., 122°49.07' W.  
long.;  
(246) 37°11.00' N. lat., 122°45.87' W.  
long.;  
(247) 37°07.00' N. lat., 122°41.97' W.  
long.;  
(248) 37°03.19' N. lat., 122°38.31' W.  
long.;  
(249) 37°00.99' N. lat., 122°35.51' W.  
long.;  
(250) 36°58.23' N. lat., 122°27.36' W.  
long.;  
(251) 37°00.54' N. lat., 122°24.74' W.  
long.;  
(252) 36°57.81' N. lat., 122°24.65' W.  
long.;  
(253) 36°58.54' N. lat., 122°21.67' W.  
long.;  
(254) 36°56.52' N. lat., 122°21.70' W.  
long.;  
(255) 36°55.37' N. lat., 122°18.45' W.  
long.;  
(256) 36°52.16' N. lat., 122°12.17' W.  
long.;  
(257) 36°51.53' N. lat., 122°10.67' W.  
long.;  
(258) 36°48.05' N. lat., 122°07.59' W.  
long.;  
(259) 36°47.35' N. lat., 122°03.27' W.  
long.;  
(260) 36°50.71' N. lat., 121°58.17' W.  
long.;  
(261) 36°48.89' N. lat., 121°58.90' W.  
long.;  
(262) 36°47.70' N. lat., 121°58.76' W.  
long.;  
(263) 36°48.37' N. lat., 121°51.15' W.  
long.;  
(264) 36°45.74' N. lat., 121°54.18' W.  
long.;  
(265) 36°45.50' N. lat., 121°57.73' W.  
long.;  
(266) 36°44.02' N. lat., 121°58.55' W.  
long.;

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(267) 36°38.84' N. lat., 122°01.32' W.  
long.;  
(268) 36°35.63' N. lat., 122°00.98' W.  
long.;  
(269) 36°32.47' N. lat., 121°59.17' W.  
long.;  
(270) 36°32.52' N. lat., 121°57.62' W.  
long.;  
(271) 36°30.16' N. lat., 122°00.55' W.  
long.;  
(272) 36°24.56' N. lat., 121°59.19' W.  
long.;  
(273) 36°22.19' N. lat., 122°00.30' W.  
long.;  
(274) 36°20.62' N. lat., 122°02.93' W.  
long.;  
(275) 36°18.89' N. lat., 122°05.18' W.  
long.;  
(276) 36°14.45' N. lat., 121°59.44' W.  
long.;  
(277) 36°13.73' N. lat., 121°57.38' W.  
long.;  
(278) 36°14.41' N. lat., 121°55.45' W.  
long.;  
(279) 36°10.25' N. lat., 121°43.08' W.  
long.;  
(280) 36°07.67' N. lat., 121°40.92' W.  
long.;  
(281) 36°02.51' N. lat., 121°36.76' W.  
long.;  
(282) 36°01.04' N. lat., 121°36.68' W.  
long.;  
(283) 36°00.00' N. lat., 121°35.15' W.  
long.;  
(284) 35°57.84' N. lat., 121°33.10' W.  
long.;  
(285) 35°45.57' N. lat., 121°27.26' W.  
long.;  
(286) 35°39.02' N. lat., 121°22.86' W.  
long.;  
(287) 35°25.92' N. lat., 121°05.52' W.  
long.;  
(288) 35°16.26' N. lat., 121°01.50' W.  
long.;  
(289) 35°07.60' N. lat., 120°56.49' W.  
long.;  
(290) 34°57.77' N. lat., 120°53.87' W.  
long.;  
(291) 34°42.30' N. lat., 120°53.42' W.  
long.;  
(292) 34°37.69' N. lat., 120°50.04' W.  
long.;  
(293) 34°30.13' N. lat., 120°44.45' W.  
long.;  
(294) 34°27.00' N. lat., 120°39.24' W.  
long.;  
(295) 34°24.71' N. lat., 120°35.37' W.  
long.;

**Fishery Conservation and Management**

**§ 660.73**

(296) 34°21.63' N. lat., 120°24.86' W. long.;

(297) 34°24.39' N. lat., 120°16.65' W. long.;

(298) 34°22.48' N. lat., 119°56.42' W. long.;

(299) 34°18.54' N. lat., 119°46.26' W. long.;

(300) 34°16.37' N. lat., 119°45.12' W. long.;

(301) 34°15.91' N. lat., 119°47.29' W. long.;

(302) 34°13.80' N. lat., 119°45.40' W. long.;

(303) 34°11.69' N. lat., 119°41.80' W. long.;

(304) 34°09.98' N. lat., 119°31.87' W. long.;

(305) 34°08.12' N. lat., 119°27.71' W. long.;

(306) 34°06.35' N. lat., 119°32.65' W. long.;

(307) 34°06.80' N. lat., 119°40.08' W. long.;

(308) 34°07.48' N. lat., 119°47.54' W. long.;

(309) 34°08.21' N. lat., 119°54.90' W. long.;

(310) 34°06.85' N. lat., 120°05.60' W. long.;

(311) 34°06.99' N. lat., 120°10.37' W. long.;

(312) 34°08.53' N. lat., 120°17.89' W. long.;

(313) 34°10.00' N. lat., 120°23.05' W. long.;

(314) 34°12.53' N. lat., 120°29.82' W. long.;

(315) 34°09.02' N. lat., 120°37.47' W. long.;

(316) 34°01.01' N. lat., 120°31.17' W. long.;

(317) 33°58.07' N. lat., 120°28.33' W. long.;

(318) 33°53.37' N. lat., 120°14.43' W. long.;

(319) 33°50.53' N. lat., 120°07.20' W. long.;

(320) 33°45.88' N. lat., 120°04.26' W. long.;

(321) 33°38.19' N. lat., 119°57.85' W. long.;

(322) 33°38.19' N. lat., 119°50.42' W. long.;

(323) 33°42.36' N. lat., 119°49.60' W. long.;

(324) 33°53.95' N. lat., 119°53.81' W. long.;

(325) 33°55.99' N. lat., 119°41.40' W. long.;

(326) 33°58.48' N. lat., 119°27.90' W. long.;

(327) 33°59.94' N. lat., 119°19.57' W. long.;

(328) 34°04.48' N. lat., 119°15.32' W. long.;

(329) 34°02.80' N. lat., 119°12.95' W. long.;

(330) 34°02.39' N. lat., 119°07.17' W. long.;

(331) 34°03.75' N. lat., 119°04.72' W. long.;

(332) 34°01.82' N. lat., 119°03.24' W. long.;

(333) 33°59.33' N. lat., 119°03.49' W. long.;

(334) 33°59.01' N. lat., 118°59.56' W. long.;

(335) 33°59.51' N. lat., 118°57.25' W. long.;

(336) 33°58.83' N. lat., 118°52.50' W. long.;

(337) 33°58.55' N. lat., 118°41.86' W. long.;

(338) 33°55.10' N. lat., 118°34.25' W. long.;

(339) 33°54.30' N. lat., 118°38.71' W. long.;

(340) 33°50.88' N. lat., 118°37.02' W. long.;

(341) 33°39.78' N. lat., 118°18.40' W. long.;

(342) 33°35.50' N. lat., 118°16.85' W. long.;

(343) 33°32.46' N. lat., 118°10.90' W. long.;

(344) 33°34.11' N. lat., 117°54.07' W. long.;

(345) 33°31.61' N. lat., 117°49.30' W. long.;

(346) 33°16.36' N. lat., 117°35.48' W. long.;

(347) 33°06.81' N. lat., 117°22.93' W. long.;

(348) 32°59.28' N. lat., 117°19.69' W. long.;

(349) 32°55.37' N. lat., 117°19.55' W. long.;

(350) 32°53.35' N. lat., 117°17.05' W. long.;

(351) 32°53.36' N. lat., 117°19.12' W. long.;

(352) 32°46.42' N. lat., 117°23.45' W. long.;

(353) 32°42.71' N. lat., 117°21.45' W. long.; and

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(354) 32°34.54' N. lat., 117°23.04' W. long.

(e) 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°04.73' N. lat., 118°37.99' 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°49.79' N. lat., 118°20.89' W. long.;
- (5) 32°48.02' N. lat., 118°19.49' W. long.;
- (6) 32°47.37' N. lat., 118°21.72' W. long.;
- (7) 32°43.58' N. lat., 118°24.54' W. long.;
- (8) 32°49.74' N. lat., 118°32.11' W. long.;
- (9) 32°53.36' N. lat., 118°33.44' W. long.;
- (10) 32°55.03' N. lat., 118°34.64' W. long.;
- (11) 32°54.89' N. lat., 118°35.37' W. long.;
- (12) 33°00.20' N. lat., 118°38.72' W. long.;
- (13) 33°03.15' N. lat., 118°39.80' W. long.;

and

- (14) 33°04.73' N. lat., 118°37.99' W. long.

(f) 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°19.83' N. lat., 118°32.16' W. long.;
- (13) 33°20.81' N. lat., 118°32.94' 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.

(g) 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°24.57' N. lat., 118°00.15' W. long.;
- (2) 33°23.42' N. lat., 117°59.43' W. long.;
- (3) 33°23.69' N. lat., 117°58.72' W. long.;
- (4) 33°24.72' N. lat., 117°59.51' W. long.;

and

- (5) 33°24.57' N. lat., 118°00.15' W. long.

(h) The 150-fm (274-m) depth contour used between the U.S. border with Can-

ada 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.;

**Fishery Conservation and Management**

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- (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.;

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(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.;

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(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.;



**Fishery Conservation and Management**

**§ 660.73**

(195) 39°34.22' N. lat., 123°56.82' W. long.;	(224) 37°35.67' N. lat., 123°01.76' W. long.;
(196) 39°32.98' N. lat., 123°56.43' W. long.;	(225) 37°26.10' N. lat., 122°57.07' W. long.;
(197) 39°31.64' N. lat., 123°56.16' W. long.;	(226) 37°26.51' N. lat., 122°54.23' W. long.;
(198) 39°31.40' N. lat., 123°56.70' W. long.;	(227) 37°25.05' N. lat., 122°55.64' W. long.;
(199) 39°32.35' N. lat., 123°57.42' W. long.;	(228) 37°24.42' N. lat., 122°54.94' W. long.;
(200) 39°31.47' N. lat., 123°58.73' W. long.;	(229) 37°25.16' N. lat., 122°52.73' W. long.;
(201) 39°05.68' N. lat., 123°57.81' W. long.;	(230) 37°24.55' N. lat., 122°52.48' W. long.;
(202) 39°00.24' N. lat., 123°56.74' W. long.;	(231) 37°22.81' N. lat., 122°54.36' W. long.;
(203) 38°57.50' N. lat., 123°56.74' W. long.;	(232) 37°19.87' N. lat., 122°53.98' W. long.;
(204) 38°54.31' N. lat., 123°56.73' W. long.;	(233) 37°15.16' N. lat., 122°51.64' W. long.;
(205) 38°41.42' N. lat., 123°46.75' W. long.;	(234) 37°11.00' N. lat., 122°47.20' W. long.;
(206) 38°39.61' N. lat., 123°46.48' W. long.;	(235) 37°07.00' N. lat., 122°42.90' W. long.;
(207) 38°37.52' N. lat., 123°43.78' W. long.;	(236) 37°01.68' N. lat., 122°37.28' W. long.;
(208) 38°35.25' N. lat., 123°42.00' W. long.;	(237) 36°59.70' N. lat., 122°33.71' W. long.;
(209) 38°28.79' N. lat., 123°37.07' W. long.;	(238) 36°58.00' N. lat., 122°27.80' W. long.;
(210) 38°18.75' N. lat., 123°31.21' W. long.;	(239) 37°00.25' N. lat., 122°24.85' W. long.;
(211) 38°14.43' N. lat., 123°25.56' W. long.;	(240) 36°57.50' N. lat., 122°24.98' W. long.;
(212) 38°08.75' N. lat., 123°24.48' W. long.;	(241) 36°58.38' N. lat., 122°21.85' W. long.;
(213) 38°10.10' N. lat., 123°27.20' W. long.;	(242) 36°55.85' N. lat., 122°21.95' W. long.;
(214) 38°07.16' N. lat., 123°28.18' W. long.;	(243) 36°52.02' N. lat., 122°12.10' W. long.;
(215) 38°06.15' N. lat., 123°30.00' W. long.;	(244) 36°47.63' N. lat., 122°07.37' W. long.;
(216) 38°04.28' N. lat., 123°31.70' W. long.;	(245) 36°47.26' N. lat., 122°03.22' W. long.;
(217) 38°01.88' N. lat., 123°30.98' W. long.;	(246) 36°50.34' N. lat., 121°58.40' W. long.;
(218) 38°00.75' N. lat., 123°29.72' W. long.;	(247) 36°48.83' N. lat., 121°59.14' W. long.;
(219) 38°00.00' N. lat., 123°28.60' W. long.;	(248) 36°44.81' N. lat., 121°58.28' W. long.;
(220) 37°58.23' N. lat., 123°26.90' W. long.;	(249) 36°39.00' N. lat., 122°01.71' W. long.;
(221) 37°55.32' N. lat., 123°27.19' W. long.;	(250) 36°29.60' N. lat., 122°00.49' W. long.;
(222) 37°51.47' N. lat., 123°24.92' W. long.;	(251) 36°23.43' N. lat., 121°59.76' W. long.;
(223) 37°44.47' N. lat., 123°11.57' W. long.;	(252) 36°18.90' N. lat., 122°05.32' W. long.;

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(253) 36°15.38' N. lat., 122°01.40' W.  
long.;

(254) 36°13.79' N. lat., 121°58.12' W.  
long.;

(255) 36°10.12' N. lat., 121°43.33' W.  
long.;

(256) 36°02.57' N. lat., 121°37.02' W.  
long.;

(257) 36°01.01' N. lat., 121°36.69' W.  
long.;

(258) 36°00.00' N. lat., 121°35.45' W.  
long.;

(259) 35°57.74' N. lat., 121°33.45' W.  
long.;

(260) 35°51.32' N. lat., 121°30.08' W.  
long.;

(261) 35°45.84' N. lat., 121°28.84' W.  
long.;

(262) 35°38.94' N. lat., 121°23.16' W.  
long.;

(263) 35°26.00' N. lat., 121°08.00' W.  
long.;

(264) 35°07.42' N. lat., 120°57.08' W.  
long.;

(265) 34°42.76' N. lat., 120°55.09' W.  
long.;

(266) 34°37.75' N. lat., 120°51.96' W.  
long.;

(267) 34°29.29' N. lat., 120°44.19' W.  
long.;

(268) 34°27.00' N. lat., 120°40.42' W.  
long.;

(269) 34°21.89' N. lat., 120°31.36' W.  
long.;

(270) 34°20.79' N. lat., 120°21.58' W.  
long.;

(271) 34°23.97' N. lat., 120°15.25' W.  
long.;

(272) 34°22.11' N. lat., 119°56.63' W.  
long.;

(273) 34°19.00' N. lat., 119°48.00' W.  
long.;

(274) 34°15.00' N. lat., 119°48.00' W.  
long.;

(275) 34°08.00' N. lat., 119°37.00' W.  
long.;

(276) 34°08.39' N. lat., 119°54.78' W.  
long.;

(277) 34°07.10' N. lat., 120°10.37' W.  
long.;

(278) 34°10.08' N. lat., 120°22.98' W.  
long.;

(279) 34°13.16' N. lat., 120°29.40' W.  
long.;

(280) 34°09.41' N. lat., 120°37.75' W.  
long.;

(281) 34°03.15' N. lat., 120°34.71' W.  
long.;

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(282) 33°57.09' N. lat., 120°27.76' W.  
long.;

(283) 33°51.00' N. lat., 120°09.00' W.  
long.;

(284) 33°38.16' N. lat., 119°59.23' W.  
long.;

(285) 33°37.04' N. lat., 119°50.17' W.  
long.;

(286) 33°42.28' N. lat., 119°48.85' W.  
long.;

(287) 33°53.96' N. lat., 119°53.77' W.  
long.;

(288) 33°55.88' N. lat., 119°41.05' W.  
long.;

(289) 33°59.94' N. lat., 119°19.57' W.  
long.;

(290) 34°03.12' N. lat., 119°15.51' W.  
long.;

(291) 34°01.97' N. lat., 119°07.28' W.  
long.;

(292) 34°03.60' N. lat., 119°04.71' W.  
long.;

(293) 33°59.30' N. lat., 119°03.73' W.  
long.;

(294) 33°58.87' N. lat., 118°59.37' W.  
long.;

(295) 33°58.08' N. lat., 118°41.14' W.  
long.;

(296) 33°50.93' N. lat., 118°37.65' W.  
long.;

(297) 33°39.54' N. lat., 118°18.70' W.  
long.;

(298) 33°35.42' N. lat., 118°17.14' W.  
long.;

(299) 33°32.15' N. lat., 118°10.84' W.  
long.;

(300) 33°33.71' N. lat., 117°53.72' W.  
long.;

(301) 33°31.17' N. lat., 117°49.11' W.  
long.;

(302) 33°16.53' N. lat., 117°36.13' W.  
long.;

(303) 33°06.77' N. lat., 117°22.92' W.  
long.;

(304) 32°58.94' N. lat., 117°20.05' W.  
long.;

(305) 32°55.83' N. lat., 117°20.15' W.  
long.;

(306) 32°46.29' N. lat., 117°23.89' W.  
long.;

(307) 32°42.00' N. lat., 117°22.16' W.  
long.;

(308) 32°39.47' N. lat., 117°27.78' W.  
long.; and

(309) 32°34.83' N. lat., 117°24.69' W.  
long.

(i) The 150 fm (274 m) depth contour used around San Clemente Island off the state of California is defined by

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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.

(j) 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.

(k) 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°24.99' N. lat., 117°59.32' W. long.;
- (2) 33°23.66' N. lat., 117°58.28' W. long.;
- (3) 33°23.21' N. lat., 117°59.55' W. long.;
- (4) 33°24.74' N. lat., 118°00.61' W. long.;

and

- (5) 33°24.99' N. lat., 117°59.32' W. long.

(l) 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.;

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- (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.;

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- (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.

[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]

**§ 660.74 Latitude/longitude coordinates defining the 180 fm (329 m) through 250 fm (457 m) depth contours.**

Boundaries for RCAs 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.;

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(114) 43°50.72' N. lat., 124°39.23' W. long.;	(143) 42°15.05' N. lat., 124°38.07' W. long.;
(115) 43°39.04' N. lat., 124°37.82' W. long.;	(144) 42°13.67' N. lat., 124°37.77' W. long.;
(116) 43°27.76' N. lat., 124°39.76' W. long.;	(145) 42°07.37' N. lat., 124°37.25' W. long.;
(117) 43°20.83' N. lat., 124°42.70' W. long.;	(146) 42°04.93' N. lat., 124°36.79' W. long.;
(118) 43°20.22' N. lat., 124°42.92' W. long.;	(147) 42°00.00' N. lat., 124°36.26' W. long.;
(119) 43°13.07' N. lat., 124°46.03' W. long.;	(148) 41°47.60' N. lat., 124°29.75' W. long.;
(120) 43°10.43' N. lat., 124°50.27' W. long.;	(149) 41°22.07' N. lat., 124°29.55' W. long.;
(121) 43°08.83' N. lat., 124°50.93' W. long.;	(150) 41°13.58' N. lat., 124°24.17' W. long.;
(122) 43°05.89' N. lat., 124°51.60' W. long.;	(151) 41°06.51' N. lat., 124°23.07' W. long.;
(123) 43°04.60' N. lat., 124°53.01' W. long.;	(152) 40°55.20' N. lat., 124°27.46' W. long.;
(124) 43°02.64' N. lat., 124°52.01' W. long.;	(153) 40°49.76' N. lat., 124°27.17' W. long.;
(125) 43°00.39' N. lat., 124°51.77' W. long.;	(154) 40°45.79' N. lat., 124°30.37' W. long.;
(126) 42°58.00' N. lat., 124°52.99' W. long.;	(155) 40°40.31' N. lat., 124°32.47' W. long.;
(127) 42°57.56' N. lat., 124°54.10' W. long.;	(156) 40°37.42' N. lat., 124°37.20' W. long.;
(128) 42°53.82' N. lat., 124°55.76' W. long.;	(157) 40°36.03' N. lat., 124°39.97' W. long.;
(129) 42°53.20' N. lat., 124°53.56' W. long.;	(158) 40°31.48' N. lat., 124°40.95' W. long.;
(130) 42°50.00' N. lat., 124°52.36' W. long.;	(159) 40°30.22' N. lat., 124°37.80' W. long.;
(131) 42°50.00' N. lat., 124°52.36' W. long.;	(160) 40°27.29' N. lat., 124°37.10' W. long.;
(132) 42°49.43' N. lat., 124°52.03' W. long.;	(161) 40°24.81' N. lat., 124°35.82' W. long.;
(133) 42°47.68' N. lat., 124°47.72' W. long.;	(162) 40°22.00' N. lat., 124°30.01' W. long.;
(134) 42°46.17' N. lat., 124°44.05' W. long.;	(163) 40°16.84' N. lat., 124°29.87' W. long.;
(135) 42°41.67' N. lat., 124°44.36' W. long.;	(164) 40°17.06' N. lat., 124°35.51' W. long.;
(136) 42°40.50' N. lat., 124°43.86' W. long.;	(165) 40°16.41' N. lat., 124°39.10' W. long.;
(137) 42°38.79' N. lat., 124°42.88' W. long.;	(166) 40°10.00' N. lat., 124°23.56' W. long.;
(138) 42°32.39' N. lat., 124°45.38' W. long.;	(167) 40°06.67' N. lat., 124°19.08' W. long.;
(139) 42°32.08' N. lat., 124°43.44' W. long.;	(168) 40°08.10' N. lat., 124°16.71' W. long.;
(140) 42°30.98' N. lat., 124°43.84' W. long.;	(169) 40°05.90' N. lat., 124°17.77' W. long.;
(141) 42°28.37' N. lat., 124°48.91' W. long.;	(170) 40°02.80' N. lat., 124°16.28' W. long.;
(142) 42°20.07' N. lat., 124°41.59' W. long.;	(171) 40°01.98' N. lat., 124°12.99' W. long.;

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(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.;

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(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.;



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- (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.;
- (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°25.12' N. lat., 118°01.09' 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°59.58' W. long.;

and

- (5) 33°25.12' N. lat., 118°01.09' 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.;

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- (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.;
  - (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.;

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(114) 42°28.39' N. lat., 124°49.56' W. long.;	(143) 40°06.43' N. lat., 124°19.26' W. long.;
(115) 42°23.34' N. lat., 124°44.91' W. long.;	(144) 40°07.06' N. lat., 124°17.82' W. long.;
(116) 42°19.72' N. lat., 124°41.60' W. long.;	(145) 40°04.70' N. lat., 124°18.17' W. long.;
(117) 42°15.12' N. lat., 124°38.34' W. long.;	(146) 40°02.34' N. lat., 124°16.64' W. long.;
(118) 42°13.67' N. lat., 124°38.22' W. long.;	(147) 40°01.52' N. lat., 124°09.89' W. long.;
(119) 42°12.35' N. lat., 124°38.09' W. long.;	(148) 39°58.27' N. lat., 124°13.58' W. long.;
(120) 42°04.35' N. lat., 124°37.23' W. long.;	(149) 39°56.59' N. lat., 124°12.09' W. long.;
(121) 42°00.00' N. lat., 124°36.80' W. long.;	(150) 39°55.19' N. lat., 124°08.03' W. long.;
(122) 41°47.84' N. lat., 124°30.48' W. long.;	(151) 39°52.54' N. lat., 124°09.47' W. long.;
(123) 41°43.33' N. lat., 124°29.96' W. long.;	(152) 39°42.67' N. lat., 124°02.59' W. long.;
(124) 41°23.46' N. lat., 124°30.36' W. long.;	(153) 39°35.95' N. lat., 123°59.56' W. long.;
(125) 41°21.29' N. lat., 124°29.43' W. long.;	(154) 39°34.61' N. lat., 123°59.66' W. long.;
(126) 41°13.52' N. lat., 124°24.48' W. long.;	(155) 39°33.77' N. lat., 123°56.89' W. long.;
(127) 41°06.71' N. lat., 124°23.37' W. long.;	(156) 39°33.01' N. lat., 123°57.14' W. long.;
(128) 40°54.66' N. lat., 124°28.20' W. long.;	(157) 39°32.20' N. lat., 123°59.20' W. long.;
(129) 40°51.52' N. lat., 124°27.47' W. long.;	(158) 39°07.84' N. lat., 123°59.14' W. long.;
(130) 40°40.62' N. lat., 124°32.75' W. long.;	(159) 39°01.11' N. lat., 123°57.97' W. long.;
(131) 40°36.08' N. lat., 124°40.18' W. long.;	(160) 39°00.51' N. lat., 123°56.96' W. long.;
(132) 40°32.90' N. lat., 124°41.90' W. long.;	(161) 38°57.50' N. lat., 123°57.57' W. long.;
(133) 40°31.30' N. lat., 124°41.00' W. long.;	(162) 38°56.57' N. lat., 123°57.80' W. long.;
(134) 40°30.16' N. lat., 124°37.91' W. long.;	(163) 38°56.39' N. lat., 123°59.48' W. long.;
(135) 40°27.29' N. lat., 124°37.34' W. long.;	(164) 38°50.22' N. lat., 123°55.55' W. long.;
(136) 40°24.98' N. lat., 124°36.44' W. long.;	(165) 38°46.76' N. lat., 123°51.56' W. long.;
(137) 40°22.34' N. lat., 124°31.22' W. long.;	(166) 38°45.27' N. lat., 123°51.63' W. long.;
(138) 40°16.94' N. lat., 124°32.00' W. long.;	(167) 38°42.76' N. lat., 123°49.83' W. long.;
(139) 40°17.58' N. lat., 124°45.30' W. long.;	(168) 38°41.53' N. lat., 123°47.83' W. long.;
(140) 40°14.40' N. lat., 124°35.82' W. long.;	(169) 38°40.97' N. lat., 123°48.14' W. long.;
(141) 40°13.24' N. lat., 124°32.43' W. long.;	(170) 38°38.02' N. lat., 123°45.85' W. long.;
(142) 40°10.00' N. lat., 124°24.64' W. long.;	(171) 38°37.19' N. lat., 123°44.08' W. long.;

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(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.;

**Fishery Conservation and Management**

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- (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°22.82' N. lat., 117°59.50' W. long.;
- (4) 33°25.24' N. lat., 118°01.68' W. long.;

and

- (5) 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°35.04' 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.;



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- (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.;

**§ 660.74**

(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.;

**50 CFR Ch. VI (10–1–15 Edition)**

(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°19.08' N. lat., 120°31.21' W.  
long.;

(210) 34°27.00' N. lat., 120°42.61' 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.;

**Fishery Conservation and Management**

**§ 660.74**

- (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.;

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50 CFR Ch. VI (10–1–15 Edition)

- (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.;

**Fishery Conservation and Management**

**§ 660.74**

(139) 38°14.56' N. lat., 123°32.18' W. long.;	(168) 36°09.47' N. lat., 121°45.37' W. long.;
(140) 38°13.85' N. lat., 123°29.94' W. long.;	(169) 36°06.42' N. lat., 121°41.34' W. long.;
(141) 38°11.88' N. lat., 123°30.57' W. long.;	(170) 36°00.00' N. lat., 121°37.68' W. long.;
(142) 38°08.72' N. lat., 123°29.56' W. long.;	(171) 35°52.25' N. lat., 121°33.21' W. long.;
(143) 38°05.62' N. lat., 123°32.38' W. long.;	(172) 35°51.09' N. lat., 121°31.83' W. long.;
(144) 38°01.90' N. lat., 123°32.00' W. long.;	(173) 35°46.47' N. lat., 121°31.19' W. long.;
(145) 38°00.00' N. lat., 123°30.00' W. long.;	(174) 35°33.97' N. lat., 121°21.69' W. long.;
(146) 37°58.07' N. lat., 123°27.35' W. long.;	(175) 35°30.94' N. lat., 121°18.36' W. long.;
(147) 37°54.97' N. lat., 123°27.69' W. long.;	(176) 35°23.08' N. lat., 121°15.56' W. long.;
(148) 37°51.32' N. lat., 123°25.40' W. long.;	(177) 35°13.67' N. lat., 121°05.79' W. long.;
(149) 37°43.82' N. lat., 123°11.69' W. long.;	(178) 35°06.77' N. lat., 121°02.45' W. long.;
(150) 37°35.67' N. lat., 123°02.62' W. long.;	(179) 34°53.32' N. lat., 121°01.46' W. long.;
(151) 37°11.00' N. lat., 122°54.50' W. long.;	(180) 34°49.36' N. lat., 121°03.04' W. long.;
(152) 37°07.00' N. lat., 122°48.59' W. long.;	(181) 34°44.12' N. lat., 121°01.28' W. long.;
(153) 36°59.99' N. lat., 122°38.49' W. long.;	(182) 34°32.38' N. lat., 120°51.78' W. long.;
(154) 36°56.64' N. lat., 122°28.78' W. long.;	(183) 34°27.00' N. lat., 120°44.25' W. long.;
(155) 36°58.93' N. lat., 122°25.67' W. long.;	(184) 34°17.93' N. lat., 120°35.43' W. long.;
(156) 36°56.19' N. lat., 122°25.67' W. long.;	(185) 34°16.02' N. lat., 120°28.70' W. long.;
(157) 36°57.09' N. lat., 122°22.85' W. long.;	(186) 34°09.84' N. lat., 120°38.85' W. long.;
(158) 36°54.95' N. lat., 122°22.63' W. long.;	(187) 34°03.22' N. lat., 120°36.12' W. long.;
(159) 36°52.25' N. lat., 122°13.94' W. long.;	(188) 33°55.98' N. lat., 120°28.81' W. long.;
(160) 36°46.94' N. lat., 122°07.90' W. long.;	(189) 33°49.88' N. lat., 120°10.07' W. long.;
(161) 36°46.86' N. lat., 122°02.24' W. long.;	(190) 33°37.75' N. lat., 120°00.35' W. long.;
(162) 36°43.73' N. lat., 121°59.33' W. long.;	(191) 33°33.91' N. lat., 119°51.74' W. long.;
(163) 36°38.93' N. lat., 122°02.46' W. long.;	(192) 33°35.07' N. lat., 119°48.14' W. long.;
(164) 36°30.77' N. lat., 122°01.40' W. long.;	(193) 33°42.60' N. lat., 119°47.40' W. long.;
(165) 36°23.78' N. lat., 122°00.52' W. long.;	(194) 33°53.25' N. lat., 119°52.58' W. long.;
(166) 36°19.98' N. lat., 122°07.63' W. long.;	(195) 33°57.48' N. lat., 119°31.27' W. long.;
(167) 36°15.36' N. lat., 122°03.50' W. long.;	(196) 33°55.47' N. lat., 119°24.96' W. long.;

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- (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°23.37' N. lat., 117°56.14' W. long.;
  - (4) 33°22.06' N. lat., 117°57.06' W. long.;
  - (5) 33°22.85' N. lat., 117°59.47' W. long.;
  - (6) 33°23.97' N. lat., 118°00.72' W. long.;
  - (7) 33°25.98' N. lat., 118°01.63' 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°36.07' N. lat., 117°44.29' 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.;

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- (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.;

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(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.;

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(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.;



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- (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.;
- (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]

**§ 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

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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.;

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(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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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 fol-  
lowing 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.;

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(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 EFH Conservation Areas.**

EFH Conservation Areas are designated to minimize to the extent practicable adverse effects to EFH caused

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by fishing (16 U.S.C. 1853 section 303(a)(7)). The boundaries of areas designated as Groundfish EFH Conservation Areas are defined by straight lines connecting a series of latitude and longitude coordinates. This section provides coordinates outlining the boundaries of the coastwide EFH Conservation Area. Section 660.77 provides coordinates outlining the boundaries of EFH Conservation Areas that occur wholly off the coast of Washington. Section 660.78 provides coordinates outlining the boundaries of EFH Conservation Areas that occur wholly off the coast of Oregon. Section 660.79 provides coordinates outlining the boundaries of EFH Conservation Areas that occur wholly off the coast of California. Fishing activity that is prohibited or permitted within the EEZ in a particular area designated as a groundfish EFH Conservation Area is detailed at § 660.11; §§ 660.112 and 660.130; §§ 660.212 and 660.230; §§ 660.312 and 660.330; and §§ 660.360.

(a) *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°50.77' N. lat., 124°37.54' W. long.;
- (51) 39°56.67' N. lat., 124°26.58' W. long.;
- (52) 39°44.25' N. lat., 124°12.60' W. long.;
- (53) 39°35.82' N. lat., 124°12.02' W. long.;
- (54) 39°24.54' N. lat., 124°16.01' W. long.;
- (55) 39°01.97' N. lat., 124°11.20' W. long.;
- (56) 38°33.48' N. lat., 123°48.21' W. long.;
- (57) 38°14.49' N. lat., 123°38.89' W. long.;
- (58) 37°56.97' N. lat., 123°31.65' W. long.;
- (59) 37°49.09' N. lat., 123°27.98' W. long.;
- (60) 37°40.29' N. lat., 123°12.83' W. long.;
- (61) 37°22.54' N. lat., 123°14.65' W. long.;
- (62) 37°05.98' N. lat., 123°05.31' W. long.;
- (63) 36°59.02' N. lat., 122°50.92' W. long.;
- (64) 36°50.32' N. lat., 122°17.44' W. long.;
- (65) 36°44.54' N. lat., 122°19.42' W. long.;
- (66) 36°40.76' N. lat., 122°17.28' W. long.;
- (67) 36°39.88' N. lat., 122°09.69' W. long.;
- (68) 36°44.52' N. lat., 122°07.13' W. long.;
- (69) 36°42.26' N. lat., 122°03.54' W. long.;
- (70) 36°30.02' N. lat., 122°09.85' W. long.;
- (71) 36°22.33' N. lat., 122°22.99' W. long.;
- (72) 36°14.36' N. lat., 122°21.19' W. long.;
- (73) 36°09.50' N. lat., 122°14.25' W. long.;
- (74) 35°51.50' N. lat., 121°55.92' W. long.;
- (75) 35°49.53' N. lat., 122°13.00' W. long.;
- (76) 34°58.30' N. lat., 121°36.76' W. long.;
- (77) 34°53.13' N. lat., 121°37.49' W. long.;
- (78) 34°46.54' N. lat., 121°46.25' W. long.;
- (79) 34°37.81' N. lat., 121°35.72' W. long.;
- (80) 34°37.72' N. lat., 121°27.35' W. long.;
- (81) 34°26.77' N. lat., 121°07.58' W. long.;
- (82) 34°18.54' N. lat., 121°05.01' W. long.;
- (83) 34°02.68' N. lat., 120°54.30' W. long.;
- (84) 33°48.11' N. lat., 120°25.46' W. long.;

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- (85) 33°42.54' N. lat., 120°38.24' W. long.;
- (86) 33°46.26' N. lat., 120°43.64' W. long.;
- (87) 33°40.71' N. lat., 120°51.29' W. long.;
- (88) 33°33.14' N. lat., 120°40.25' W. long.;
- (89) 32°51.57' N. lat., 120°23.35' W. long.;
- (90) 32°38.54' N. lat., 120°09.54' W. long.;
- (91) 32°35.76' N. lat., 119°53.43' W. long.;
- (92) 32°29.54' N. lat., 119°46.00' W. long.;
- (93) 32°25.99' N. lat., 119°41.16' W. long.;
- (94) 32°30.46' N. lat., 119°33.15' W. long.;
- (95) 32°23.47' N. lat., 119°25.71' W. long.;
- (96) 32°19.19' N. lat., 119°13.96' W. long.;
- (97) 32°13.18' N. lat., 119°04.44' W. long.;
- (98) 32°13.40' N. lat., 118°51.87' W. long.;
- (99) 32°19.62' N. lat., 118°47.80' W. long.;
- (100) 32°27.26' N. lat., 118°50.29' W. long.;
- (101) 32°28.42' N. lat., 118°53.15' W. long.;
- (102) 32°31.30' N. lat., 118°55.09' W. long.;
- (103) 32°33.04' N. lat., 118°53.57' W. long.;
- (104) 32°19.07' N. lat., 118°27.54' W. long.;
- (105) 32°18.57' N. lat., 118°18.97' W. long.;
- (106) 32°09.01' N. lat., 118°13.96' W. long.;
- (107) 32°06.57' N. lat., 118°18.78' W. long.;
- (108) 32°01.32' N. lat., 118°18.21' W. long.; and
- (109) 31°57.82' N. lat., 118°10.34' W. long.

(b) [Reserved]

[71 FR 27419, May 11, 2006. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 53836, Aug. 30, 2011]

**§ 660.77 EFH Conservation Areas off the Coast of Washington.**

Boundary line coordinates for EFH Conservation Areas 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 EFH Conservation Area is detailed at §§ 660.11; §§ 660.112 and 660.130; §§ 660.212 and 660.230; §§ 660.312 and 660.330; and §§ 660.360.

(a) *Olympic 2*. The boundary of the Olympic 2 EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (9) 48°23.89' N. lat., 124°54.37' W. long.;
- and connecting back to 48°21.46' N. lat., 124°51.61' W. long.

(b) *Biogenic 1*. The boundary of the Biogenic 1 EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (7) 47°30.31' N. lat., 125°08.81' W. long.;
- and connecting back to 47°29.97' N. lat., 125°20.14' W. long.

(c) *Biogenic 2*. The boundary of the Biogenic 2 EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (4) 47°20.00' N. lat., 125°01.25' W. long.;
- and connecting back to 47°08.77' N. lat., 125°00.91' W. long.

(d) *Grays Canyon*. The boundary of the Grays Canyon EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 46°51.55' N. lat., 125°00.00' W. long.;
  - (2) 46°56.79' N. lat., 125°00.00' W. long.;
  - (3) 46°58.01' N. lat., 124°55.09' W. long.;
  - (4) 46°55.07' N. lat., 124°54.14' W. long.;
  - (5) 46°59.60' N. lat., 124°49.79' W. long.;
  - (6) 46°58.72' N. lat., 124°48.78' W. long.;
  - (7) 46°54.45' N. lat., 124°48.36' W. long.;
  - (8) 46°53.99' N. lat., 124°49.95' W. long.;
  - (9) 46°54.38' N. lat., 124°52.73' W. long.;
  - (10) 46°52.38' N. lat., 124°52.02' W. long.;
  - (11) 46°48.93' N. lat., 124°49.17' W. long.;
- and connecting back to 46°51.55' N. lat., 125°00.00' W. long.

(e) *Biogenic 3*. The boundary of the Biogenic 3 EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 46°48.16' N. lat., 125°10.75' W. long.;
- (2) 46°40.00' N. lat., 125°10.00' W. long.;

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- (3) 46°40.00' N. lat., 125°20.01' W. long.;
- (4) 46°50.00' N. lat., 125°20.00' W. long.;
- and connecting back to 46°48.16' N. lat., 125°10.75' W. long.

[71 FR 27420, May 11, 2006. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 53836, Aug. 30, 2011]

§ 660.78 EFH Conservation Areas off the Coast of Oregon.

Boundary line coordinates for EFH Conservation Areas 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 EFH Conservation Area is detailed at §§ 660.11; §§ 660.112 and 660.130; §§ 660.212 and 660.230; §§ 660.312 and 660.330; and §§ 660.360.

(a) *Thompson Seamount*. The boundary of the Thompson Seamount EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
- (14) 46°06.24' N. lat., 128°42.90' W. long.;
- and connecting back to 46°06.93' N. lat., 128°39.77' W. long.

(b) *Astoria Canyon*. The boundary of the Astoria Canyon EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
- (13) 46°03.00' N. lat., 125°14.94' W. long.;

and connecting back to 46°06.48' N. lat., 125°05.46' W. long.

(c) *Nehalem Bank/Shale Pile*. The boundary of the Nehalem Bank/Shale Pile EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 46°00.60' N. lat., 124°33.94' W. long.;
- (2) 45°55.63' N. lat., 124°30.52' W. long.;
- (3) 45°47.95' N. lat., 124°31.70' W. long.;
- (4) 45°52.75' N. lat., 124°39.20' W. long.;
- (5) 45°58.02' N. lat., 124°38.99' W. long.;
- (6) 46°00.83' N. lat., 124°36.78' W. long.;
- and connecting back to 46°00.60' N. lat., 124°33.94' W. long.

(d) *Siletz Deepwater*. The boundary of the Siletz Deepwater EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
- (8) 44°33.38' N. lat., 125°17.08' W. long.;
- and connecting back to 44°42.72' N. lat., 125°18.49' W. long.

(e) *Daisy Bank/Nelson Island*. The boundary of the Daisy Bank/Nelson Island EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 44°39.73' N. lat., 124°41.43' W. long.;
- (2) 44°39.60' N. lat., 124°41.29' W. long.;
- (3) 44°37.17' N. lat., 124°38.60' W. long.;
- (4) 44°35.55' N. lat., 124°39.27' W. long.;
- (5) 44°37.57' N. lat., 124°41.70' W. long.;
- (6) 44°36.90' N. lat., 124°42.91' W. long.;
- (7) 44°38.25' N. lat., 124°46.28' W. long.;
- (8) 44°38.52' N. lat., 124°49.11' W. long.;
- (9) 44°40.27' N. lat., 124°49.11' W. long.;
- (10) 44°41.35' N. lat., 124°48.03' W. long.;
- and connecting back to 44°39.73' N. lat., 124°41.43' W. long.

(f) *Newport Rockpile/Stonewall Bank*. The boundary of the Newport Rockpile/Stonewall Bank EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 44°27.61' N. lat., 124°26.93' W. long.;
- (2) 44°34.64' N. lat., 124°26.82' W. long.;
- (3) 44°38.15' N. lat., 124°25.15' W. long.;
- (4) 44°37.78' N. lat., 124°23.05' W. long.;
- (5) 44°28.82' N. lat., 124°18.80' W. long.;
- (6) 44°25.16' N. lat., 124°20.69' W. long.;



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and connecting back to 44°27.61' N. lat., 124°26.93' W. long.

(g) *Heceta Bank*. The boundary of the Heceta Bank EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 43°57.68' N. lat., 124°55.48' W. long.;
  - (2) 44°00.14' N. lat., 124°55.25' W. long.;
  - (3) 44°02.88' N. lat., 124°53.96' W. long.;
  - (4) 44°13.47' N. lat., 124°54.08' W. long.;
  - (5) 44°20.30' N. lat., 124°38.72' W. long.;
  - (6) 44°13.52' N. lat., 124°40.45' W. long.;
  - (7) 44°09.00' N. lat., 124°45.30' W. long.;
  - (8) 44°03.46' N. lat., 124°45.71' W. long.;
  - (9) 44°03.26' N. lat., 124°49.42' W. long.;
  - (10) 43°58.61' N. lat., 124°49.87' W. long.;
- and connecting back to 43°57.68' N. lat., 124°55.48' W. long.

(h) *Deepwater off Coos Bay*. The boundary of the Deepwater off Coos Bay EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (9) 43°25.73' N. lat., 125°19.36' W. long.;
- and connecting back to 43°29.32' N. lat., 125°20.11' W. long.

(i) *Bandon High Spot*. The boundary of the Bandon High Spot EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 43°08.83' N. lat., 124°50.93' W. long.;
  - (2) 43°08.77' N. lat., 124°49.82' W. long.;
  - (3) 43°05.16' N. lat., 124°49.05' W. long.;
  - (4) 43°02.94' N. lat., 124°46.87' W. long.;
  - (5) 42°57.18' N. lat., 124°46.01' W. long.;
  - (6) 42°56.10' N. lat., 124°47.48' W. long.;
  - (7) 42°56.66' N. lat., 124°48.79' W. long.;
  - (8) 42°52.89' N. lat., 124°52.59' W. long.;
  - (9) 42°53.82' N. lat., 124°55.76' W. long.;
  - (10) 42°57.56' N. lat., 124°54.10' W. long.;
  - (11) 42°58.00' N. lat., 124°52.99' W. long.;
  - (12) 43°00.39' N. lat., 124°51.77' W. long.;
  - (13) 43°02.64' N. lat., 124°52.01' W. long.;
  - (14) 43°04.60' N. lat., 124°53.01' W. long.;
  - (15) 43°05.89' N. lat., 124°51.60' W. long.;
- and connecting back to 43°08.83' N. lat., 124°50.93' W. long.

(j) *President Jackson Seamount*. The boundary of the President Jackson

Seamount EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (30) 42°21.05' N. lat., 127°40.81' W. long.;
- and connecting back to 42°21.41' N. lat., 127°42.91' W. long.

(k) *Rogue Canyon*. The boundary of the Rogue Canyon EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (7) 42°17.94' N. lat., 125°10.17' W. long.;
- and connecting back to 42°41.33' N. lat., 125°16.61' W. long.

[71 FR 27421, May 11, 2006. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 53836, Aug. 30, 2011]

**§ 660.79 EFH Conservation Areas off the Coast of California.**

Boundary line coordinates for EFH Conservation Areas 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 EFH Conservation Area is detailed at §§ 660.11; §§ 660.112 and 660.130; §§ 660.212 and 660.230; §§ 660.312 and 660.330; and §§ 660.360.

(a) *Eel River Canyon*. The boundary of the Eel River Canyon EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 40°38.27' N. lat., 124°27.16' W. long.;
- (2) 40°35.60' N. lat., 124°28.75' W. long.;
- (3) 40°37.52' N. lat., 124°33.41' W. long.;
- (4) 40°37.47' N. lat., 124°40.46' W. long.;
- (5) 40°35.47' N. lat., 124°42.97' W. long.;
- (6) 40°32.78' N. lat., 124°44.79' W. long.;
- (7) 40°24.32' N. lat., 124°39.97' W. long.;
- (8) 40°23.26' N. lat., 124°42.45' W. long.;
- (9) 40°27.34' N. lat., 124°51.21' W. long.;
- (10) 40°32.68' N. lat., 125°05.63' W. long.;
- (11) 40°49.12' N. lat., 124°47.41' W. long.;
- (12) 40°44.32' N. lat., 124°46.48' W. long.;
- (13) 40°40.75' N. lat., 124°47.51' W. long.;
- (14) 40°40.65' N. lat., 124°46.02' W. long.;
- (15) 40°39.69' N. lat., 124°33.36' W. long.;

and connecting back to 40°38.27' N. lat., 124°27.16' W. long.

(b) *Blunts Reef*. The boundary of the Blunts Reef EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 40°27.53' N. lat., 124°26.84' W. long.;
- (2) 40°24.66' N. lat., 124°29.49' W. long.;
- (3) 40°28.50' N. lat., 124°32.42' W. long.;
- (4) 40°30.46' N. lat., 124°32.23' W. long.;
- (5) 40°30.21' N. lat., 124°26.85' W. long.;

and connecting back to 40°27.53' N. lat., 124°26.84' W. long.

(c) *Mendocino Ridge*. The boundary of the Mendocino Ridge EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 40°25.23' N. lat., 124°24.06' W. long.;
- (2) 40°12.50' N. lat., 124°22.59' W. long.;
- (3) 40°14.40' N. lat., 124°35.82' W. long.;
- (4) 40°16.16' N. lat., 124°39.01' W. long.;
- (5) 40°17.47' N. lat., 124°40.77' W. long.;
- (6) 40°19.26' N. lat., 124°47.97' W. long.;
- (7) 40°19.98' N. lat., 124°52.73' W. long.;
- (8) 40°20.06' N. lat., 125°02.18' W. long.;
- (9) 40°11.79' N. lat., 125°07.39' W. long.;
- (10) 40°12.55' N. lat., 125°11.56' W. long.;
- (11) 40°12.81' N. lat., 125°12.98' W. long.;
- (12) 40°20.72' N. lat., 125°57.31' W. long.;

- (13) 40°23.96' N. lat., 125°56.83' W. long.;
  - (14) 40°24.04' N. lat., 125°56.82' W. long.;
  - (15) 40°25.68' N. lat., 125°09.77' W. long.;
  - (16) 40°21.03' N. lat., 124°33.96' W. long.;
  - (17) 40°25.72' N. lat., 124°24.15' W. long.;
- and connecting back to 40°25.23' N. lat., 124°24.06' W. long.

(d) *Delgada Canyon*. The boundary of the Delgada Canyon EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 40°07.13' N. lat., 124°09.09' W. long.;
  - (2) 40°06.58' N. lat., 124°07.39' W. long.;
  - (3) 40°01.18' N. lat., 124°08.84' W. long.;
  - (4) 40°02.48' N. lat., 124°12.93' W. long.;
  - (5) 40°05.71' N. lat., 124°09.42' W. long.;
  - (6) 40°07.18' N. lat., 124°09.61' W. long.;
- and connecting back to 40°07.13' N. lat., 124°09.09' W. long.

(e) *Tolo Bank*. The boundary of the Tolo Bank EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (5) 39°57.90' N. lat., 124°07.07' W. long.;
- and connecting back to 39°58.75' N. lat., 124°04.58' W. long.

(f) *Point Arena North*. The boundary of the Point Arena North EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (5) 39°02.83' N. lat., 123°55.21' W. long.;
- and connecting back to 39°03.32' N. lat., 123°51.15' W. long.

(g) *Point Arena South Biogenic Area*. The boundary of the Point Arena South Biogenic Area EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 38°35.49' N. lat., 123°34.79' W. long.;
  - (2) 38°32.86' N. lat., 123°41.09' W. long.;
  - (3) 38°34.92' N. lat., 123°42.53' W. long.;
  - (4) 38°35.74' N. lat., 123°43.82' W. long.;
  - (5) 38°47.28' N. lat., 123°51.19' W. long.;
  - (6) 38°49.50' N. lat., 123°45.83' W. long.;
  - (7) 38°41.22' N. lat., 123°41.76' W. long.;
- and connecting back to 38°35.49' N. lat., 123°34.79' W. long.

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(h) *Cordell Bank/Biogenic Area*. The boundary of the Cordell Bank/Biogenic Area EFH Conservation Area is located offshore of California's Marin County defined by straight lines connecting all of the following points in the order stated:

- (1) 38°04.05' N. lat., 123°07.28' W. long.;
  - (2) 38°02.84' N. lat., 123°07.36' W. long.;
  - (3) 38°01.09' N. lat., 123°07.06' W. long.;
  - (4) 38°01.02' N. lat., 123°22.08' W. long.;
  - (5) 37°54.75' N. lat., 123°23.64' W. long.;
  - (6) 37°46.01' N. lat., 123°25.62' W. long.;
  - (7) 37°46.68' N. lat., 123°27.05' W. long.;
  - (8) 37°47.66' N. lat., 123°28.18' W. long.;
  - (9) 37°50.26' N. lat., 123°30.94' W. long.;
  - (10) 37°54.41' N. lat., 123°32.69' W. long.;
  - (11) 37°56.94' N. lat., 123°32.87' W. long.;
  - (12) 37°57.12' N. lat., 123°25.04' W. long.;
  - (13) 37°59.43' N. lat., 123°27.29' W. long.;
  - (14) 38°00.82' N. lat., 123°29.61' W. long.;
  - (15) 38°02.31' N. lat., 123°30.88' W. long.;
  - (16) 38°03.99' N. lat., 123°30.75' W. long.;
  - (17) 38°04.85' N. lat., 123°30.36' W. long.;
  - (18) 38°04.88' N. lat., 123°27.85' W. long.;
  - (19) 38°04.44' N. lat., 123°24.44' W. long.;
  - (20) 38°03.05' N. lat., 123°21.33' W. long.;
  - (21) 38°05.77' N. lat., 123°06.83' W. long.;
- and connecting back to 38°04.05' N. lat., 123°07.28' W. long.

(i) *Cordell Bank (50-fm (91-m) isobath)*. The boundary of the Cordell Bank (50-fm (91-m) isobath) EFH Conservation Area is located offshore of California's Marin County defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (14) 37°58.24' N. lat., 123°23.16' W. long.;
- and connecting back to 37°57.62' N. lat., 123°24.22' W. long.

(j) *Farallon Islands/Fanny Shoal*. The boundary of the Farallon Islands/Fanny Shoal EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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°49.23' N. lat., 123°16.81' W. long.;
- and connecting back to 37°51.58' N. lat., 123°14.07' W. long.

(k) *Half Moon Bay*. The boundary of the Half Moon Bay EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (6) 37°23.28' N. lat., 122°30.71' W. long.;
- and connecting back to 37°18.14' N. lat., 122°31.15' W. long.

(l) *Monterey Bay/Canyon*. The boundary of the Monterey Bay/Canyon EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (1) 36°38.21' N. lat., 121°55.96' W. long.;
  - (2) 36°25.31' N. lat., 121°54.86' W. long.;
  - (3) 36°25.25' N. lat., 121°58.34' W. long.;
  - (4) 36°30.86' N. lat., 122°00.45' W. long.;
  - (5) 36°30.02' N. lat., 122°09.85' W. long.;
  - (6) 36°30.23' N. lat., 122°36.82' W. long.;
  - (7) 36°55.08' N. lat., 122°36.46' W. long.;
  - (8) 36°51.41' N. lat., 122°14.14' W. long.;
  - (9) 36°49.37' N. lat., 122°15.20' W. long.;
  - (10) 36°48.31' N. lat., 122°18.59' W. long.;
  - (11) 36°45.55' N. lat., 122°18.91' W. long.;
  - (12) 36°40.76' N. lat., 122°17.28' W. long.;
  - (13) 36°39.88' N. lat., 122°09.69' W. long.;
  - (14) 36°44.94' N. lat., 122°08.46' W. long.;
  - (15) 36°47.37' N. lat., 122°03.16' W. long.;
  - (16) 36°49.60' N. lat., 122°00.85' W. long.;
  - (17) 36°51.53' N. lat., 121°58.25' W. long.;
  - (18) 36°50.78' N. lat., 121°56.89' W. long.;
  - (19) 36°47.39' N. lat., 121°58.16' W. long.;
  - (20) 36°48.34' N. lat., 121°50.95' W. long.;
  - (21) 36°47.23' N. lat., 121°52.25' W. long.;
  - (22) 36°45.60' N. lat., 121°54.17' W. long.;
  - (23) 36°44.76' N. lat., 121°56.04' W. long.;
  - (24) 36°41.68' N. lat., 121°56.33' W. long.;
- and connecting back to 36°38.21' N. lat., 121°55.96' W. long.

(m) *Point Sur Deep*. The boundary of the Point Sur Deep EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

(1) 36°25.25' N. lat., 122°11.61' W. long.;  
 (2) 36°16.05' N. lat., 122°14.37' W. long.;  
 (3) 36°16.14' N. lat., 122°15.94' W. long.;  
 (4) 36°17.98' N. lat., 122°15.93' W. long.;  
 (5) 36°17.83' N. lat., 122°22.56' W. long.;  
 (6) 36°22.33' N. lat., 122°22.99' W. long.;  
 (7) 36°26.00' N. lat., 122°20.81' W. long.;  
 and connecting back to 36°25.25' N. lat., 122°11.61' W. long.

(n) *Big Sur Coast/Port San Luis*. The boundary of the Big Sur Coast/Port San Luis EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

(1) 36°17.83' N. lat., 122°22.56' W. long.;  
 (2) 36°17.98' N. lat., 122°15.93' W. long.;  
 (3) 36°16.14' N. lat., 122°15.94' W. long.;  
 (4) 36°10.82' N. lat., 122°15.97' W. long.;  
 (5) 36°15.84' N. lat., 121°56.35' W. long.;  
 (6) 36°14.27' N. lat., 121°53.89' W. long.;  
 (7) 36°10.93' N. lat., 121°48.66' W. long.;  
 (8) 36°07.40' N. lat., 121°43.14' W. long.;  
 (9) 36°04.89' N. lat., 121°51.34' W. long.;  
 (10) 35°55.70' N. lat., 121°50.02' W. long.;  
 (11) 35°53.05' N. lat., 121°56.69' W. long.;  
 (12) 35°38.99' N. lat., 121°49.73' W. long.;  
 (13) 35°20.06' N. lat., 121°27.00' W. long.;  
 (14) 35°20.54' N. lat., 121°35.84' W. long.;  
 (15) 35°02.49' N. lat., 121°35.35' W. long.;  
 (16) 35°02.79' N. lat., 121°26.30' W. long.;  
 (17) 34°58.71' N. lat., 121°24.21' W. long.;  
 (18) 34°47.24' N. lat., 121°22.40' W. long.;  
 (19) 34°35.70' N. lat., 121°45.99' W. long.;  
 (20) 35°47.36' N. lat., 122°30.25' W. long.;  
 (21) 35°27.26' N. lat., 122°45.15' W. long.;  
 (22) 35°34.39' N. lat., 123°00.25' W. long.;  
 (23) 36°01.64' N. lat., 122°40.76' W. long.;  
 (24) 36°17.41' N. lat., 122°41.22' W. long.;  
 and connecting back to 36°17.83' N. lat., 122°22.56' W. long.

(o) *Davidson Seamount*. The boundary of the Davidson Seamount EFH Conservation Area is defined by straight lines connecting the following points in the order stated:

(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.;  
 (4) 35°30.00' N. lat., 123°00.00' W. long.;  
 and connecting back to 35°54.00' N. lat., 123°00.00' W. long.

(p) *East San Lucia Bank*. The boundary of the East San Lucia Bank EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

(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.;  
 (5) 34°52.82' N. lat., 121°05.90' W. long.;  
 and connecting back to 34°45.09' N. lat., 121°05.73' W. long.

(q) *Point Conception*. The boundary of the Point Conception EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

(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.;  
 (14) 34°29.26' N. lat., 120°37.89' W. long.;  
 and connecting back to 34°29.24' N. lat., 120°36.05' W. long.

(r) *Harris Point*. The boundary of the Harris Point EFH Conservation Area 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.;  
 (6) 34°03.50' N. lat., 120°21.30' W. long.;

(s) *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.;  
 (2) 34°03.50' N. lat., 120°21.30' W. long.;

(t) *Richardson Rock*. The boundary of the Richardson Rock EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

(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.;  
 (4) 34°02.21' N. lat., 120°28.20' W. long.;  
 and connecting back to 34°10.40' N. lat., 120°28.20' W. long.

(u) *Scorpion*. The boundary of the Scorpion EFH Conservation Area is defined by the mean high water line and

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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.;
- (4) 34°02.80' N. lat., 119°32.80' W. long.

(v) *Painted Cave*. The boundary of the Painted Cave EFH Conservation Area 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.;
- (4) 34°04.00' N. lat., 119°51.00' W. long.

(w) *Anacapa Island*. The boundary of the Anacapa Island EFH Conservation Area 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.;
- (4) 34°01.00' N. lat., 119°21.40' W. long.

(x) *Carrington Point*. The boundary of the Carrington Point EFH Conservation Area 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.;
- (5) 34°00.50' N. lat., 120°02.80' W. long.;

(y) *Judith Rock*. The boundary of the Judith Rock EFH Conservation Area 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.;
- (4) 34°01.50' N. lat., 120°25.30' W. long.

(z) *Skunk Point*. The boundary of the Skunk Point EFH Conservation Area 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.;
- (4) 33°57.10' N. lat., 119°58.20' W. long.

(aa) *Footprint*. The boundary of the Footprint EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (4) 33°54.11' N. lat., 119°26.00' W. long.;
- and connecting back to 33°59.00' N. lat., 119°26.00' W. long.

(bb) *Gull Island*. The boundary of the Gull Island EFH Conservation Area 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.;
- (5) 33°57.70' N. lat., 119°48.00' W. long.

(cc) *South Point*. The boundary of the South Point EFH Conservation Area 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.;
- (4) 33°53.80' N. lat., 120°06.50' W. long.

(dd) *Hidden Reef/Kidney Bank*. The boundary of the Hidden Reef/Kidney Bank EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
- (4) 33°33.00' N. lat., 119°15.06' W. long.;

and connecting back to 33°48.00' N. lat., 119°15.06' W. long.

(ee) *Catalina Island*. The boundary of the Catalina Island EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

- (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.;
- (9) 33°27.07' N. lat., 118°20.33' W. long.;

and connecting back to 33°34.71' N. lat., 118°11.40' W. long.

(ff) *Potato Bank*. Potato Bank is within the Cowcod Conservation Area West, an area south of Point Conception. The boundary of the Potato Bank EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

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- (1) 33°30.00' N. lat., 120°00.06' W. long.;
  - (2) 33°30.00' N. lat., 119°50.06' W. long.;
  - (3) 33°20.00' N. lat., 119°50.06' W. long.;
  - (4) 33°20.00' N. lat., 120°00.06' W. long.;
- and connecting back to 33°30.00' N. lat., 120°00.06' W. long.

(gg) *Santa Barbara*. The Santa Barbara EFH Conservation Area 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.;
- (5) 33°27.90' N. lat., 119°02.20' W. long.

(hh) *Cherry Bank*. Cherry Bank is within the Cowcod Conservation Area West, an area south of Point Conception. The Cherry Bank EFH Conservation Area is defined by straight lines connecting all of the following points in the order stated:

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- (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.;
  - (4) 32°46.00' N. lat., 119°32.05' W. long.;
- and connecting back to 32°59.00' N. lat., 119°32.05' W. long.

(ii) *Cowcod EFH Conservation Area East*. The Cowcod EFH Conservation Area East is defined by straight lines connecting all of the following points in the order stated:

- (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.;
  - (7) 32°40.49' N. lat., 118°02.00' W. long.;
- and connecting back to 32°41.15' N. lat., 118°02.00' W. long.

[71 FR 27422, May 11, 2006. Redesignated at 75 FR 60995, Oct. 1, 2010; 76 FR 53836, Aug. 30, 2011]

**Fishery Conservation and Management**

**Pt. 660, Subpt. C, Table 1a**

**TABLE 1a TO PART 660, SUBPART C—2015, SPECIFICATIONS OF OFL, ABC, ACL, ACT AND FISHERY HARVEST GUIDELINES (WEIGHTS IN METRIC TONS)**

**Table 1a to Part 660, Subpart C – 2015, Specifications of OFL, ABC, ACL, ACT and Fishery Harvest Guidelines (Weights in Metric Tons)**

	OFL	ABC	ACL a/	Fishery HG b/
BOCACCIO S. of 40°10' N. lat. c/	1,444	1,380	349	341
CANARY ROCKFISH d/	733	701	122	107
COWCOD S. of 40°10' N. lat. e/	67	60	10	8
DARKBLOTCHED ROCKFISH f/	574	549	338	317
PACIFIC OCEAN PERCH g/	842	805	158	143
PETRALE SOLE h/	2,946	2,816	2,816	2,579
YELLOWEYE ROCKFISH i/	52	43	18	12
Arrowtooth flounder j/	6,599	5,497	5,497	3,410
Black rockfish (OR-CA) k/	1,176	1,124	1,000	999
Black rockfish (WA) l/	421	402	402	388
Cabazon (CA) m/	161	154	154	154
Cabazon (OR) n/	49	47	47	47
California scorpionfish o/	119	114	114	112
Chilipepper S. of 40°10' N. lat. p/	1,703	1,628	1,628	1,604
Dover sole q/	66,871	63,929	50,000	48,406
English sole r/	10,792	9,853	9,853	9,640
Lingcod N. of 40°10' N. lat. s/	3,010	2,830	2,830	2,552
Lingcod S. of 40°10' N. lat. t/	1,205	1,004	1,004	995
Longnose skate u/	2,449	2,341	2,000	1,927
Longspine thornyhead (coastwide) v/	5,007	4,171	NA	NA
Longspine thornyhead N. of 34°27' N. lat.	NA	NA	3,170	3,124
Longspine thornyhead S. of 34°27' N. lat.	NA	NA	1,001	998
Pacific Cod w/	3,200	2,221	1,600	1,091
Pacific whiting x/	804,576	x/	x/	266,684
Sablefish (coastwide)	7,857	7,173	NA	NA
Sablefish N. of 36° N. lat. y/	NA	NA	4,793	See Table 1c
Sablefish S. of 36° N. lat. z/	NA	NA	1,719	1,714
Shortbelly aa/	6,950	5,789	500	498
Shortspine thornyhead (coastwide) bb/	3,203	2,668	NA	NA
Shortspine thornyhead N. of 34°27' N. lat.	NA	NA	1,745	1,686
Shortspine thornyhead S. of 34°27' N. lat.	NA	NA	923	881
Spiny dogfish cc/	2,523	2,101	2,101	1,763
Splitnose S. of 40°10' N. lat. dd/	1,794	1,715	1,715	1,705
Starry flounder ee/	1,841	1,534	1,534	1,524
Widow rockfish ff/	4,137	3,929	2,000	1,880
Yellowtail N. of 40°10' N. lat. gg/	7,218	6,590	6,590	5,560
Minor Nearshore Rockfish N. of 40°10' N. lat. hh/	88	77	69	69
Minor Shelf Rockfish N. of 40°10' N. lat. ii/	2,209	1,944	1,944	1,872
Minor Slope Rockfish N. of 40°10' N. lat. jj/	1,831	1,693	1,693	1,629
Minor Nearshore Rockfish S. of 40°10' N. lat. kk/	1,313	1,169	1,114	1,110
Minor Shelf Rockfish S. of 40°10' N. lat. ll/	1,918	1,625	1,624	1,575
Minor Slope Rockfish S. of 40°10' N. lat. mm/	813	705	693	673
Other Flatfish nn/	11,453	8,749	8,749	8,545
Other Fish oo/	291	242	242	242

<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 harvest guidelines means the harvest guideline 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>Bocaccio. A bocaccio stock assessment update was conducted in 2013 for the bocaccio stock between the U.S.-Mexico border and Cape Blanco. The stock is 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. A historical catch distribution of approximately 6 percent was used to apportion the assessed stock to the area north of 40°10' N. lat. The bocaccio stock was estimated to be at 31.4 percent of its unfished biomass in 2013. The OFL of 1,444 mt is projected in the 2013 stock assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 1,380 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The 349 mt ACL is based on the current rebuilding plan with a target year to rebuild of 2022 and an SPR harvest rate of 77.7 percent. 8.3 mt is deducted from the ACL to accommodate the incidental open access fishery (0.7 mt), EFP catch (3.0 mt) and research catch (4.6 mt), resulting in a fishery HG of 340.7 mt. The California recreational fishery has an HG of 178.8 mt.

<sup>d</sup>Canary rockfish. A canary rockfish stock assessment update was conducted in 2011 and the stock was estimated to be at 23.2 percent of its unfished biomass coastwide in 2011. The coastwide OFL of 733 mt is projected in the 2011 rebuilding analysis using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 701 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL of 122 mt is based on the current rebuilding plan with a target year to rebuild of 2030 and an SPR harvest rate of 88.7 percent. 15.2 mt is deducted from the ACL to accommodate the Tribal fishery (7.7 mt), the incidental open access fishery (2 mt), EFP catch (1.0 mt) and research catch (4.5 mt) resulting in a fishery HG of 106.8 mt. Recreational HGs are: 3.4 mt (Washington); 11.7 mt (Oregon); and 24.3 mt (California).

<sup>e</sup>Cowcod. A stock assessment for the Conception Area was conducted in 2013 and the stock was estimated to be at 33.9 percent of its unfished biomass in 2013. The Conception Area OFL of 55.0 mt is projected in the 2013 rebuilding analysis using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The OFL contribution of 11.6 mt for the unassessed portion of the stock in the Monterey area is based on depletion-based stock reduction analysis. The OFLs for the Monterey and Conception areas were summed to derive the south of 40°10' N. lat. OFL of 66.6 mt. The ABC for the area south of 40°10' N.

lat. is 59.9 mt. The assessed portion of the stock in the Conception Area is considered category 2, with a Conception area contribution to the ABC of 50.2 mt, which is an 8.7 percent reduction from the Conception area OFL ( $\sigma = 0.72/P^* = 0.45$ ). The unassessed portion of the stock in the Monterey area is considered a category 3 stock, with a contribution to the ABC of 9.7 mt, which is a 16.6 percent reduction from the Monterey area OFL ( $\sigma = 1.44/P^* = 0.45$ ). A single ACL of 10.0 mt is being set for both areas combined. The ACL of 10.0 mt is based on the rebuilding plan with a target year to rebuild of 2020 and an SPR harvest rate of 82.7 percent, which is equivalent to an exploitation rate (catch over age 11 + biomass) of 0.007. 2.0 mt is deducted from the ACL to accommodate EFP fishing (less than 0.02 mt) and research activity (2.0 mt), resulting in a fishery HG of 8.0 mt. Any additional mortality in research activities will be deducted from the ACL. A single ACT of 4.0 mt is being set for both areas combined.

<sup>f</sup>Darkblotched rockfish. A 2013 stock assessment estimated the stock to be at 36 percent of its unfished biomass in 2013. The OFL of 574 mt is projected in the 2013 stock assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 549 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL of 338 mt is based on the current rebuilding plan with a target year to rebuild of 2025 and an SPR harvest rate of 64.9 percent. 20.8 mt is deducted from the ACL to accommodate the Tribal fishery (0.2 mt), the incidental open access fishery (18.4 mt), EFP catch (0.1 mt) and research catch (2.1 mt), resulting in a fishery HG of 317.2 mt.

<sup>g</sup>Pacific Ocean Perch. A POP stock assessment was conducted in 2011 and the stock was estimated to be at 19.1 percent of its unfished biomass in 2011. The OFL of 842 mt for the area north of 40°10' N. lat. is projected in the 2011 rebuilding analysis using an  $F_{50\%}$   $F_{MSY}$  proxy. The ABC of 805 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL of 158 mt is based on the current rebuilding plan with a target year to rebuild of 2051 and an SPR harvest rate of 86.4 percent. 15 mt is deducted from the ACL to accommodate the Tribal fishery (9.2 mt), the incidental open access fishery (0.6 mt), and research catch (5.2 mt), resulting in a fishery HG of 143.0 mt.

<sup>h</sup>Petrale sole. A 2013 stock assessment estimated the stock to be at 22.3 percent of its unfished biomass in 2013. The OFL of 2,946 mt is projected in the 2013 assessment using an  $F_{30\%}$   $F_{MSY}$  proxy. The ABC of 2,816 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is based on the 25-5 harvest control rule specified in the current rebuilding plan; since the stock is projected to be rebuilt at the start of 2014, the ACL is set equal to the ABC. 236.6



mt is deducted from the ACL to accommodate the Tribal fishery (220 mt), the incidental open access fishery (2.4 mt), and research catch (14.2 mt), resulting in a fishery HG of 2,579.4 mt.

<sup>i</sup>Yelloweye rockfish. A stock assessment update was conducted in 2011. The stock was estimated to be at 21.4 percent of its unfished biomass in 2011. The 52 mt coastwide OFL was projected in the 2011 rebuilding analysis using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 43 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The 18 mt ACL is based on the current rebuilding plan with a target year to rebuild of 2074 and an SPR harvest rate of 76.0 percent. 5.8 mt is deducted from the ACL to accommodate the Tribal fishery (2.3 mt), the incidental open access fishery (0.2 mt), EFP catch (0.03 mt) and research catch (3.3 mt) resulting in a fishery HG of 12.2 mt. Recreational HGs are: 2.9 mt (Washington); 2.6 mt (Oregon); and 3.4 mt (California).

<sup>j</sup>Arrowtooth flounder. The arrowtooth flounder stock was last assessed in 2007 and was estimated to be at 79 percent of its unfished biomass in 2007. The OFL of 6,599 mt is derived from the 2007 assessment using an  $F_{30\%}$   $F_{MSY}$  proxy. The ABC of 5,497 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{25\%}$ . 2,087 mt is deducted from the ACL to accommodate the Tribal fishery (2,041 mt), the incidental open access fishery (30 mt), and research catch (16.4 mt), resulting in a fishery HG of 3,410 mt.

<sup>k</sup>Black rockfish south (Oregon and California). A stock assessment was conducted for black rockfish south of 45°46' N. lat. (Cape Falcon, Oregon) to Central California (*i.e.*, the southern-most extent of black rockfish, Love et al. 2002) in 2007. The biomass in the south was estimated to be at 70 percent of its unfished biomass in 2007. The OFL from the assessed area is derived from the 2007 assessment using an  $F_{MSY}$  harvest rate proxy of  $F_{50\%}$  plus 3 percent of the OFL from the stock assessment conducted for black rockfish north of 45°46' N. lat., to cover the portion of the stock occurring off Oregon north of Cape Falcon (the 3% adjustment is based on historical catch distribution). The resulting OFL for the area south of 46°16' N. lat. is 1,176 mt. The ABC of 1,124 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The 2015 ACL is 1,000 mt, which maintains the constant catch strategy designed to keep the stock above its target biomass of  $B_{40\%}$ . 1 mt is deducted from the ACL to accommodate EFP catch, resulting in a fishery HG of 999 mt. The black rockfish ACL, in the area south of 46°16' N. lat. (Columbia River), is subdivided with separate HGs for waters off Oregon (579 mt/58

percent) and for waters off California (420 mt/42 percent).

<sup>l</sup>Black rockfish north (Washington). A stock assessment was conducted for black rockfish north of 45°46' N. lat. (Cape Falcon, Oregon) in 2007. The biomass in the north was estimated to be at 53 percent of its unfished biomass in 2007. The OFL from the assessed area is derived from the 2007 assessment using an  $F_{MSY}$  harvest rate proxy of  $F_{50\%}$ . The resulting OFL for the area north of 46°16' N. lat. is 421 mt and is 97 percent of the OFL from the assessed area based on the area distribution of historical catch. The ABC of 402 mt for the north is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC since the stock is above its target biomass of  $B_{40\%}$ . 14 mt is deducted from the ACL to accommodate the Tribal fishery, resulting in a fishery HG of 388 mt.

<sup>m</sup>Cabezon (California). A cabezon stock assessment was conducted in 2009. The cabezon spawning biomass in waters off California was estimated to be at 48.3 percent of its unfished biomass in 2009. The OFL of 161 mt is calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 154 mt is based on a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . There are no deductions from the ACL so the fishery HG is equal to the ACL of 154 mt.

<sup>n</sup>Cabezon (Oregon). A cabezon stock assessment was conducted in 2009. The cabezon spawning biomass in waters off Oregon was estimated to be at 52 percent of its unfished biomass in 2009. The OFL of 49 mt is calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 47 mt is based on a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 species. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . There are no deductions from the ACL so the fishery HG is also equal to the ACL of 47 mt.

<sup>o</sup>California scorpionfish was assessed in 2005 and was estimated to be at 79.8 percent of its unfished biomass in 2005. The OFL of 119 mt is projected in the 2005 assessment using an  $F_{MSY}$  harvest rate proxy of  $F_{50\%}$ . The ABC of 114 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . 2 mt is deducted from the ACL to accommodate the incidental open access fishery, resulting in a fishery HG of 112 mt.

<sup>p</sup>Chilipepper. The coastwide chilipepper stock was assessed in 2007 and estimated to be at 70 percent of its unfished biomass in 2006. 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. Projected OFLs are stratified north and south of 40°10'

N. lat. based on the average 1998–2008 assessed area catch, which is 93 percent for the area south of 40°10' N. lat. and 7 percent for the area north of 40°10' N. lat. The OFL of 1,703 mt for the area south of 40°10' N. lat. is projected in the 2007 assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 1,628 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . 24 mt is deducted from the ACL to accommodate the incidental open access fishery (5 mt), EFP fishing (10 mt), and research catch (9 mt), resulting in a fishery HG of 1,604 mt.

<sup>q</sup>Dover sole. A 2011 Dover sole assessment estimated the stock to be at 83.7 percent of its unfished biomass in 2011. The OFL of 66,871 mt is projected in the 2011 stock assessment using an  $F_{MSY}$  proxy of  $F_{30\%}$ . The ABC of 63,929 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL could be set equal to the ABC because the stock is above its target biomass of  $B_{25\%}$ . However, the ACL of 50,000 mt is set at a level below the ABC and higher than the maximum historical landed catch. 1,594 mt is deducted from the ACL to accommodate the Tribal fishery (1,497 mt), the incidental open access fishery (55 mt), and research catch (41.9 mt), resulting in a fishery HG of 48,406 mt.

<sup>r</sup>English sole. A 2013 stock assessment was conducted, which estimated the stock to be at 88 percent of its unfished biomass in 2013. The OFL of 10,792 mt is projected in the 2013 assessment using an  $F_{MSY}$  proxy of  $F_{30\%}$ . The ABC of 9,853 mt is an 8.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.45$ ) as it is a category 2 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{25\%}$ . 213 mt is deducted from the ACL to accommodate the Tribal fishery (200 mt), the incidental open access fishery (7 mt) and research catch (5.8 mt), resulting in a fishery HG of 9,640 mt.

<sup>s</sup>Lingcod north. A lingcod stock assessment was conducted in 2009. The lingcod spawning biomass off Washington and Oregon was estimated to be at 62 percent of its unfished biomass in 2009. The OFL for Washington and Oregon of 1,898 mt is calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The OFL is re-apportioned by adding 48% of the OFL from California, resulting in an OFL of 3,010 mt for the area north of 40°10' N. lat. The ABC of 2,830 mt is based on a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) for the area north of 42° N. lat. as it's a category 1 stock, and an 8.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.45$ ) for the area between 42° N. lat. and 40°10' N. lat. as it's a category 2 stock. The ACL is set equal to the ABC. 278 mt is deducted from the ACL for the Tribal fishery (250 mt), the incidental open access fishery (16 mt), EFP catch (0.5 mt) and re-

search catch (11.7 mt), resulting in a fishery HG of 2,552 mt.

<sup>t</sup>Lingcod south. A lingcod stock assessment was conducted in 2009. The lingcod spawning biomass off California was estimated to be at 74 percent of its unfished biomass in 2009. The OFL for California of 2,317 mt is projected in the assessment using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The OFL is re-apportioned by subtracting 48% of the OFL, resulting in an OFL of 1,205 mt for the area south of 40°10' N. lat. The ABC of 1,004 mt is based on a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The ACL is set equal to the ABC since the stock is above its target biomass of  $B_{40\%}$ . 9 mt is deducted from the ACL to accommodate the incidental open access fishery (7 mt), EFP fishing (1 mt), and research catch (1.1 mt), resulting in a fishery HG of 995 mt.

<sup>u</sup>Longnose skate. A stock assessment was conducted in 2007 and the stock was estimated to be at 66 percent of its unfished biomass. The OFL of 2,449 mt is derived from the 2007 stock assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 2,341 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL of 2,000 mt is a fixed harvest level that provides greater access to the stock and is less than the ABC. 73 mt is deducted from the ACL to accommodate the Tribal fishery (56 mt), incidental open access fishery (3.8 mt), and research catch (13.2 mt), resulting in a fishery HG of 1,927 mt.

<sup>v</sup>Longspine thornyhead. A 2013 longspine thornyhead coastwide stock assessment estimated the stock to be at 75 percent of its unfished biomass in 2013. A coastwide OFL of 5,007 mt is projected in the 2013 stock assessment using an  $F_{50\%}$   $F_{MSY}$  proxy. The ABC of 4,171 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. For the portion of the stock that is north of 34°27' N. lat., the ACL is 3,170 mt, and is 76 percent of the coastwide ABC based on the average swept-area biomass estimates (2003–2012) from the NMFS NWFSC trawl survey. 47 mt is deducted from the ACL to accommodate the Tribal fishery (30 mt), the incidental open access fishery (3 mt), and research catch (13.5 mt) resulting in a fishery HG of 3,124 mt. For that portion of the stock south of 34°27' N. lat. the ACL is 1,001 mt and is 24 percent of the coastwide ABC based on the average swept-area biomass estimates (2003–2012) from the NMFS NWFSC trawl survey. 3 mt is deducted from the ACL to accommodate the incidental open access fishery (2 mt), and research catch (1 mt) resulting in a fishery HG of 998 mt.

<sup>w</sup>Pacific cod. The 3,200 mt OFL is based on the maximum level of historic landings. The ABC of 2,221 mt is a 30.6 percent reduction from the OFL ( $\sigma = 1.44/P^* = 0.40$ ) as it's a category 3 stock. The 1,600 mt ACL is the OFL

reduced by 50 percent as a precautionary adjustment. 509 mt is deducted from the ACL to accommodate the Tribal fishery (500 mt), research catch (7 mt), and the incidental open access fishery (2.0 mt), resulting in a fishery HG of 1,091 mt.

<sup>x</sup>Pacific whiting. The coastwide stock assessment was conducted in 2015 and estimated the stock to be at 74 percent of its unfished biomass. The 2015 OFL of 804,576 mt is based on the 2015 assessment with an  $F_{40\%}$   $F_{MSY}$  proxy. The 2015 coastwide, unadjusted Total Allowable Catch (TAC) of 383,365 mt is based on the 2015 stock assessment. Consistent with the provisions of the Pacific Hake/Whiting Agreement, up to 15 percent of each party's unadjusted 2014 TAC (41,842 mt for the U.S. and 14,793 mt for Canada) is added to the 2015 unadjusted TAC, resulting in an adjusted coastwide 2015 TAC of 440,000 mt. The U.S. TAC is 73.88 percent of the coastwide TAC. The U.S. adjusted 2015 TAC is 325,072 mt. From the adjusted U.S. TAC, 56,888 mt is deducted to accommodate the Tribal fishery, and 1,500 mt is deducted to accommodate research and bycatch in other fisheries, resulting in a fishery HG of 266,684 mt. The TAC for Pacific whiting is established under the provisions of the Pacific Hake/Whiting Agreement with Canada and the Pacific Whiting Act of 2006, 16 U.S.C. 7001-2010, and the international exception applies. Therefore, no ABC or ACL values are provided for Pacific whiting.

<sup>y</sup>Sablefish north. A coastwide sablefish stock assessment was conducted in 2011. The coastwide sablefish biomass was estimated to be at 33 percent of its unfished biomass in 2011. The coastwide OFL of 7,857 mt is projected in the 2011 stock assessment using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 7,173 mt is an 8.7 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.40$ ). The 40-10 adjustment is applied to the ABC to derive a coastwide ACL value because the stock is in the precautionary zone. This coastwide ACL value is not specified in regulations. The coastwide ACL value is apportioned north and south of 36° N. lat., using the 2003-2010 average estimated swept area biomass from the NMFS NWFSC trawl survey, with 73.6 percent apportioned north of 36° N. lat. and 26.4 percent apportioned south of 36° N. lat. The northern ACL is 4,793 mt and is reduced by 479 mt for the tribal allocation (10 percent of the ACL north of 36° N. lat.). The 479 mt Tribal allocation is reduced by 1.6 percent to account for discard mortality. Detailed sablefish allocations are shown in Table 1c.

<sup>z</sup>Sablefish south. The ACL for the area south of 36° N. lat. is 1,719 mt (26.4 percent of the calculated coastwide ACL value). 5 mt is deducted from the ACL to accommodate the incidental open access fishery (2 mt) and research catch (3 mt), resulting in a fishery HG of 1,714 mt.

<sup>aa</sup>Shortbelly rockfish. A non-quantitative shortbelly rockfish assessment was conducted in 2007. The spawning stock biomass of shortbelly rockfish was estimated to be 67 percent of its unfished biomass in 2005. The OFL of 6,950 mt is based on the estimated MSY in the 2007 stock assessment. The ABC of 5,789 mt is a 16.7 percent reduction of the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The 500 mt ACL is set to accommodate incidental catch when fishing for co-occurring healthy stocks and in recognition of the stock's importance as a forage species in the California Current ecosystem. 2 mt is deducted from the ACL to accommodate research catch, resulting in a fishery HG of 498 mt.

<sup>bb</sup>Shortspine thornyhead. A 2013 coastwide shortspine thornyhead stock assessment estimated the stock to be at 74.2 percent of its unfished biomass in 2013. A coastwide OFL of 3,203 mt is projected in the 2013 stock assessment using an  $F_{50\%}$   $F_{MSY}$  proxy. The coastwide ABC of 2,668 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. For the portion of the stock that is north of 34°27' N. lat., the ACL is 1,745 mt. The northern ACL is 65.4 percent of the coastwide ABC based on the average swept-area biomass estimates (2003-2012) from the NMFS NWFSC trawl survey. 59 mt is deducted from the ACL to accommodate the Tribal fishery (50 mt), the incidental open access fishery (2 mt), and research catch (7 mt) resulting in a fishery HG of 1,686 mt for the area north of 34°27' N. lat. For that portion of the stock south of 34°27' N. lat. the ACL is 923 mt. The southern ACL is 35.6 percent of the coastwide ABC based on the average swept-area biomass estimates (2003-2012) from the NMFS NWFSC trawl survey. 42 mt is deducted from the ACL to accommodate the incidental open access fishery (41 mt) and research catch (1 mt), resulting in a fishery HG of 881 mt for the area south of 34°27' N. lat.

<sup>cc</sup>Spiny dogfish. A coastwide spiny dogfish stock assessment was conducted in 2011. The coastwide spiny dogfish biomass was estimated to be at 63 percent of its unfished biomass in 2011. The coastwide OFL of 2,523 mt is derived from the 2011 assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The coastwide ABC of 2,101 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . 338 mt is deducted from the ACL to accommodate the Tribal fishery (275 mt), the incidental open access fishery (49.5 mt), EFP catch (1 mt), and research catch (12.5 mt), resulting in a fishery HG of 1,763 mt.

<sup>dd</sup>Splitnose rockfish. A splitnose rockfish coastwide assessment was conducted in 2009 that estimated the stock to be at 66 percent of its unfished biomass in 2009. Splitnose rockfish in the north is managed in the

Minor Slope Rockfish complex and with species-specific harvest specifications south of 40°10' N. lat. The coastwide OFL is projected in the 2009 assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The coastwide OFL is apportioned north and south of 40°10' N. lat. based on the average 1916–2008 assessed area catch resulting in 64.2 percent of the coastwide OFL apportioned south of 40°10' N. lat., and 35.8 percent apportioned for the contribution of splitnose rockfish to the northern Minor Slope Rockfish complex. The southern OFL of 1,794 mt results from the apportionment described above. The southern ABC of 1,715 mt is a 4.4 percent reduction from the southern OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC because the stock is estimated to be above its target biomass of  $B_{40\%}$ . 10.5 mt is deducted from the ACL to accommodate research catch (9 mt) and EFP catch (1.5 mt), resulting in a fishery HG of 1,705 mt.

<sup>ee</sup>Starry Flounder. The stock was assessed in 2005 and was estimated to be above 40 percent of its unfished biomass in 2005 (44 percent in Washington and Oregon, and 62 percent in California). The coastwide OFL of 1,841 mt is derived from the 2005 assessment using an  $F_{MSY}$  proxy of  $F_{30\%}$ . The ABC of 1,534 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The ACL is set equal to the ABC because the stock is estimated to be above its target biomass of  $B_{25\%}$ . 10.3 mt is deducted from the ACL to accommodate the Tribal fishery (2 mt), and the incidental open access fishery (8.3 mt), resulting in a fishery HG of 1,524 mt.

<sup>ff</sup>Widow rockfish. The widow rockfish stock was assessed in 2011 and was estimated to be at 51.1 percent of its unfished biomass in 2011. The OFL of 4,137 mt is projected in the 2011 stock assessment using an  $F_{50\%}$   $F_{MSY}$  proxy. The ABC of 3,929 mt is a 5 percent reduction from the OFL ( $\sigma = 0.41/P^* = 0.45$ ). A unique sigma of 0.41 was calculated for widow rockfish since the variance in estimated biomass was greater than the 0.36 used as a proxy for other category 1 stocks. The ACL could be set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . However, the ACL of 2,000 mt is less than the ABC due to high uncertainty in estimated biomass, yet this level of allowable harvest will allow access to healthy co-occurring species, such as yellowtail rockfish. 120.2 mt is deducted from the ACL to accommodate the Tribal fishery (100 mt), the incidental open access fishery (3.3 mt), EFP catch (9 mt), and research catch (7.9 mt), resulting in a fishery HG of 1,880 mt.

<sup>gg</sup>Yellowtail rockfish. A 2013 yellowtail rockfish stock assessment was conducted for the portion of the population north of 40°10' N. lat. The estimated stock depletion is 69 percent of its unfished biomass in 2013. The OFL of 7,218 mt is projected in the 2013 stock assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The

ABC of 6,590 mt is an 8.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.45$ ) as it is a category 2 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . 1,029.6 mt is deducted from the ACL to accommodate the Tribal fishery (1,000 mt), the incidental open access fishery (3 mt), EFP catch (10 mt), and research catch (16.6 mt), resulting in a fishery HG of 5,560 mt.

<sup>hh</sup>Minor Nearshore Rockfish north. The OFL for Minor Nearshore Rockfish north of 40°10' N. lat. of 88 mt is the sum of the OFL contributions for the component species managed in the complex. The ABCs for the minor rockfish complexes are based on a sigma value of 0.72 for category 2 stocks (*i.e.*, blue rockfish in California, brown rockfish, China rockfish, and copper rockfish) and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.45. The resulting ABC of 77 mt is the summed contribution of the ABCs for the component species. The ACL of 69 mt is the sum of contributing ABCs of healthy assessed stocks and unassessed stocks plus the ACL contributions for blue rockfish in California and China rockfish where the 40–10 adjustment was applied to the ABC contributions for these two stocks, because those stocks are in the precautionary zone. No deductions are made to the ACL, thus the fishery HG is equal to the ACL, which is 69 mt. Between 40°10' N. lat. and 42° N. lat. the Minor Nearshore Rockfish complex north has a harvest guideline of 23.7 mt. Blue rockfish south of 42° N. lat. has a species-specific HG, described in footnote kk.

<sup>ii</sup>Minor Shelf Rockfish north. The OFL for Minor Shelf Rockfish north of 40°10' N. lat. of 2,209 mt is the sum of the OFL contributions for the component species within the complex. The ABCs for the minor rockfish complexes are based on a sigma value of 0.72 for category 2 stocks (*i.e.*, greenspotted rockfish between 40°10' and 42° N. lat. and greenstriped rockfish) and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.45. The resulting ABC of 1,944 mt is the summed contribution of the ABCs for the component species. The ACL of 1,944 mt is the sum of contributing ABCs of healthy assessed stocks and unassessed stocks, plus the ACL contribution of greenspotted rockfish in California where the 40–10 adjustment was applied to the ABC contribution because the stock is in the precautionary zone (the ACL is slightly less than the ABC but rounds to the ABC value). 72 mt is deducted from the ACL to accommodate the Tribal fishery (30 mt), the incidental open access fishery (26 mt), EFP catch (3 mt), and research catch (13.4 mt), resulting in a fishery HG of 1,872 mt.

<sup>jj</sup>Minor Slope Rockfish north. The OFL for Minor Slope Rockfish north of 40°10' N. lat. of 1,831 mt is the sum of the OFL contributions for the component species within the

complex. The ABCs for the Minor Slope Rockfish complexes are based on a sigma value of 0.39 for aurora rockfish, a sigma value of 0.36 for other category 1 stocks (*i.e.*, splitnose rockfish), a sigma value of 0.72 for category 2 stocks (*i.e.*, rougheye rockfish, blackspotted rockfish and sharpchin rockfish), and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.45. A unique sigma of 0.39 was calculated for aurora rockfish since the variance in estimated spawning biomass was greater than the 0.36 used as a proxy for other category 1 stocks. The resulting ABC of 1,693 mt is the summed contribution of the ABCs for the component species. The ACL is set equal to the ABC because all the assessed component stocks are above the target biomass of  $B_{40\%}$ . 64 mt is deducted from the ACL to accommodate the Tribal fishery (36 mt), the incidental open access fishery (19 mt), EFP catch (1 mt), and research catch (8.1 mt), resulting in a fishery HG of 1,629 mt.

<sup>kk</sup> Minor Nearshore Rockfish south. The OFL for the Minor Nearshore Rockfish complex south of 40°10' N. lat. of 1,313 mt is the sum of the OFL contributions for the component species within the complex. The ABC for the southern Minor Nearshore Rockfish complex is based on a sigma value of 0.36 for category 1 stocks (*i.e.*, gopher rockfish north of 34°27' N. lat.), a sigma value of 0.72 for category 2 stocks (*i.e.*, blue rockfish north of 34°27' N. lat., brown rockfish, China rockfish, and copper rockfish), and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.45. The resulting ABC of 1,169 mt is the summed contribution of the ABCs for the component species. The ACL of 1,114 mt is the sum of contributing ABCs of healthy assessed stocks and unassessed stocks, plus the ACL contribution for blue rockfish north of 34°27' N. lat. where the 40-10 adjustment was applied to the ABC contribution for this stock because it is in the precautionary zone. 4 mt is deducted from the ACL to accommodate the incidental open access fishery (1.4 mt) and research catch (2.6 mt), resulting in a fishery HG of 1,110 mt. Blue rockfish south of 42° N. lat. has a species-specific HG set equal to the 40-10-adjusted ACL for the portion of the stock north of 34°27' N. lat. (133.6 mt) plus the ABC contribution for the unassessed portion of the stock south of 34°27' N. lat. (60.8 mt). The California (*i.e.*, south of 42° N. lat.) blue rockfish HG is 194.4 mt.

<sup>ll</sup> Minor Shelf Rockfish south. The OFL for the Minor Shelf Rockfish complex south of 40°10' N. lat. of 1,918 mt is the sum of the OFL contributions for the component species within the complex. The ABCs for the southern Minor Shelf Rockfish complex is based on a sigma value of 0.72 for category 2 stocks (*i.e.*, green spotted and green striped rockfish) and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.45. The re-

sulting ABC of 1,625 mt is the summed contribution of the ABCs for the component species. The ACL of 1,624 mt is the sum of contributing ABCs of healthy assessed stocks and unassessed stocks, plus the ACL contribution of green spotted rockfish in California where the 40-10 adjustment was applied to the ABC contribution for this stock because it is in the precautionary zone. 49 mt is deducted from the ACL to accommodate the incidental open access fishery (9 mt), EFP catch (30 mt), and research catch (9.6 mt), resulting in a fishery HG of 1,575 mt.

<sup>mm</sup> Minor Slope Rockfish south. The OFL for the Minor Slope Rockfish complex south of 40°10' N. lat. of 813 mt is the sum of the OFL contributions for the component species within the complex. The ABC for the southern Minor Slope Rockfish complex is based on a sigma value of 0.39 for aurora rockfish, a sigma value of 0.72 for category 2 stocks (*i.e.*, blackgill rockfish, rougheye rockfish, blackspotted rockfish, and sharpchin rockfish), and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.45. A unique sigma of 0.39 was calculated for aurora rockfish since the variance in estimated biomass was greater than the 0.36 used as a proxy for other category 1 stocks. The resulting ABC of 705 mt is the summed contribution of the ABCs for the component species. The ACL of 693 mt is the sum of contributing ABCs of healthy assessed stocks and unassessed stocks, plus the ACL contribution of blackgill rockfish where the 40-10 adjustment was applied to the ABC contribution for this stock because it is in the precautionary zone. 20 mt is deducted from the ACL to accommodate the incidental open access fishery (17 mt), EFP catch (1 mt), and research catch (2 mt), resulting in a fishery HG of 673 mt. Blackgill rockfish has a species-specific HG set equal to the species' contribution to 40-10-adjusted ACL. The blackgill rockfish HG is 114 mt.

<sup>nn</sup> Other Flatfish. The Other Flatfish complex is comprised of flatfish species managed in the PCGFMP that are not managed with species-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 (assessed in 2013 but the assessment results were too uncertain to inform harvest specifications), rock sole, sand sole, and rex sole (assessed in 2013). The Other Flatfish OFL of 11,453 mt is based on the sum of the OFL contributions of the component stocks. The ABC of 8,749 mt is based on a sigma value of 0.72 for category 2 stocks (*i.e.*, rex sole) and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.40. The ACL is set equal to the ABC since all of the assessed stocks (*i.e.*, Pacific sanddabs and rex sole) were above their target biomass of  $B_{25\%}$ . 204 mt is deducted from the ACL to accommodate the Tribal fishery (60 mt), the incidental open access

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fishery (125 mt), and research catch (19 mt), resulting in a fishery HG of 8,545 mt.

°°Other Fish. The Other Fish complex is comprised of kelp greenling coastwide, cabezon off Washington, and leopard shark coastwide. These species are unassessed. The OFL of 291 mt is the sum of the OFL contributions for kelp greenling off California (the SSC has not approved methods for calculating the OFL contributions for kelp greenling off Oregon and Washington), cab-

ezone off Washington, and leopard shark coastwide. The ABC of 242 mt is the sum of ABC contributions for kelp greenling off California, cabezon off Washington and leopard shark coastwide calculated by applying a  $P^*$  of 0.45 and a sigma of 1.44 to the OFL contributions for those stocks. The ACL is set equal to the ABC. There are no deductions from the ACL so the fishery HG is equal to the ACL of 242 mt.

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TABLE 1b TO PART 660, SUBPART C—2015, ALLOCATIONS BY SPECIES OR SPECIES GROUP. (WEIGHTS IN METRIC TONS)

Table 1b to Part 660, Subpart C – 2015, Allocations by Species or Species Group. (Weight in Metric Tons)

Species	Area	Fishery HG or ACT	Trawl		Non-trawl	
			%	Mt	%	Mt
BOCACCIO a/	S of 40°10' N. lat.	340.7	N/A	81.9	N/A	258.8
CANARY ROCKFISH a/ b/	Coastwide	106.8	N/A	56.9	N/A	49.9
COWCOD a/ c/	S of 40°10' N. lat.	4	N/A	1.4	N/A	2.6
DARKBLOTCHED ROCKFISH d/	Coastwide	317.2	95%	301.3	5%	15.9
PACIFIC OCEAN PERCH e/	N of 40°10' N. lat.	143	95%	135.9	5%	7.2
PETRALE SOLE a/	Coastwide	2,579.40	N/A	2,544.4	N/A	35
YELLOWEYE ROCKFISH a/	Coastwide	12.2	N/A	1	N/A	11.2
Arrowtooth flounder	Coastwide	3,410	95%	3,239	5%	170
Chillipepper	S of 40°10' N. lat.	1,604	75%	1,203	25%	401
Dover sole	Coastwide	48,406	95%	45,986	5%	2,420
English sole	Coastwide	9,640	95%	9,158	5%	482
Lingcod	N of 40°10' N. lat.	2,552	45%	1,148	55%	1,404
Lingcod	S of 40°10' N. lat.	995	45%	448	55%	547
Longnose skate a/	Coastwide	1,927	90%	1,734	10%	193
Longspine thornyhead	N of 34°27' N. lat.	3,124	95%	2,967	5%	156
Pacific cod	Coastwide	1,091	95%	1,036	5%	55
Pacific whiting	Coastwide	266,684	100%	266,684	0%	0
Sablefish	N of 36° N. lat.	0	See Table 1 c			
Sablefish	S of 36° N. lat.	1,714	42%	720	58%	994
Shortspine thornyhead	N of 34°27' N. lat.	1,686	95%	1,601	5%	84
Shortspine thornyhead	S of 34°27' N. lat.	881	NA	50	NA	831
Splitnose	S of 40°10' N. lat.	1,705	95%	1,619	5%	85
Starry flounder	Coastwide	1,524	50%	762	50%	762
Widow rockfish f/	Coastwide	1,880	91%	1,711	9%	169
Yellowtail rockfish	N of 40°10' N. lat.	5,560	88%	4,893	12%	667
Minor Shelf Rockfish complex a/	N of 40°10' N. lat.	1,872	60.20%	1,127	39.80%	745
Minor Shelf Rockfish complex a/	S of 40°10' N. lat.	1,575	12.20%	192	87.80%	1,383
Minor Slope Rockfish complex	N of 40°10' N. lat.	1,629	81%	1,319	19%	309
Minor Slope Rockfish complex	S of 40°10' N. lat.	673	63%	424	37%	249
Other Flatfish complex	Coastwide	8,545	90%	7,691	10%	855

a/ Allocations decided through the biennial specification process.

b/ 13.7 mt of the total trawl allocation of canary rockfish is allocated to the at-sea whiting fisheries, as follows: 5.7 mt for the mothership fishery, and 8.0 mt for the catcher/processor fishery.

c/ The cowcod fishery harvest guideline is further reduced to an ACT of 4.0 mt.

d/ Consistent with regulations at §660.55(c), 9 percent (27.1 mt) of the total trawl allocation for darkblotched rockfish is allocated to the whiting fisheries, as follows: 11.4 mt for the shorebased IFQ fishery, 6.5 mt for the mothership fishery, and 9.2 mt for the catcher/processor fishery. The tonnage calculated here for the whiting portion of the shorebased IFQ fishery contributes to the total shorebased trawl allocation, which is found at 660.140(d) (1) (ii) (D).

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e/ Consistent with regulations at §660.55(c), 30 mt of the total trawl allocation for POP is allocated to the whiting fisheries, as follows: 12.6 mt for the shorebased IFQ fishery, 7.2 mt for the mothership fishery, and 10.2 mt for the catcher/processor fishery. The tonnage calculated here for the whiting portion of the shorebased IFQ fishery contributes to the total shorebased trawl allocation, which is found at 660.140(d)(1)(ii)(D).

f/ Consistent with regulations at §660.55(c), 500 mt of the total trawl allocation for widow rockfish is allocated to the whiting fisheries, as follows: 210 mt for the shorebased IFQ fishery, 120 mt for the mothership fishery, and 170 mt for the catcher/processor fishery. The tonnage calculated here for the whiting portion of the shorebased IFQ fishery contributes to the total shorebased trawl allocation, which is found at 660.140(d)(1)(ii)(D).

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TABLE 1c TO PART 660, SUBPART C—SABLEFISH NORTH OF 36° N. LAT. ALLOCATIONS, 2015

Table 1c. to Part 660, Subpart C—Sablefish North of 36° N. lat. Allocations, 2015

Year	ACL	Set-asides		Recreational Estimate	EFP	Commercial HG	Limited Entry HG		Open Access HG	
		Tribal a/	Research				%	Mt	%	Mt b/
2015	4,793	479	26	6.1	1	4,281	90.6%	3,878	9.4%	402
Limited Entry Trawl c/										
Year	LE All	ALL Trawl	At-sea Whiting	Shorebased IFQ		ALL FG	Primary		DTL	
2015	3,878	2,249	50	2,199		1,629	1,385		244	
a/ The tribal allocation is further reduced by 1.6% for discard mortality resulting in 471.6 mt in 2015.										
b/ The open access HG is taken by the incidental OA fishery and the directed OA fishery.										
c/ The trawl allocation is 58% of the limited entry HG.										
d/ The limited entry fixed gear allocation is 42% of the limited entry HG.										

TABLE 1d TO PART 660, SUBPART C—AT-SEA WHITING FISHERY ANNUAL SET-ASIDES, 2015

Table 1d. to Part 660, Subpart C – At-Sea Whiting Fishery Annual Set-Asides, 2015

Species or Species Complex	Area	Set Aside (mt)
BOCACCIO	S. of 40°10 N. lat.	NA
CANARY ROCKFISH a/	Coastwide	Allocation
COWCOD	S. of 40°10 N. lat.	NA
DARKBLOTCHED ROCKFISH a/	Coastwide	Allocation
PACIFIC OCEAN PERCH a/	N. of 40°10 N. lat.	Allocation
PETRALE SOLE	Coastwide	5
YELLOWEYE	Coastwide	0
Arrowtooth Flounder	Coastwide	45
Chilipepper	S. of 40°10 N. lat.	NA
Dover Sole	Coastwide	5
English Sole	Coastwide	5
Lingcod	N. of 40°10 N. lat.	15
Lingcod	S. of 40°10 N. lat.	NA
Longnose Skate	Coastwide	5
Longspine Thornyhead	N. of 34°27 N. lat.	5
Longspine Thornyhead	S. of 34°27 N. lat.	NA
Minor Nearshore Rockfish	N. of 40°10 N. lat.	NA
Minor Nearshore Rockfish	S. of 40°10 N. lat.	NA
Minor Shelf Rockfish	N. of 40°10 N. lat.	35
Minor Shelf Rockfish	S. of 40°10 N. lat.	NA
Minor Slope Rockfish	N. of 40°10 N. lat.	100
Minor Slope Rockfish	S. of 40°10 N. lat.	NA
Other Fish	Coastwide	NA
Other Flatfish	Coastwide	20
Pacific Cod	Coastwide	5
Pacific Halibut b/	Coastwide	10
Pacific Whiting	Coastwide	Allocation
Sablefish	N. of 36° N. lat.	50
Sablefish	S. of 36° N. lat.	NA
Shortspine Thornyhead	N. of 34°27 N. lat.	20
Shortspine Thornyhead	S. of 34°27 N. lat.	NA
Starry Flounder	Coastwide	5
Widow Rockfish a/	Coastwide	Allocation
Yellowtail	N. of 40°10 N. lat.	300

a/ See Table 1.b., to Subpart C, for the at-sea whiting allocations for these species.

b/ As stated in §660.55 (m), the Pacific halibut set-aside is 10 mt, to accommodate bycatch in the at-sea Pacific whiting fisheries and in the shorebased trawl sector south of 40°10 N. lat. (estimated to 5 mt each).

Fishery Conservation and Management

Pt. 660, Subpt. C, Table 1e

TABLE 1e TO PART 660, SUBPART C—WHITING AND NON-WHITING INITIAL ISSUANCE ALLOCATION PERCENTAGE FOR IFQ DECIDED THROUGH THE HARVEST SPECIFICATIONS, 2011

Table 1e. To Part 660, Subpart C - Whiting and non-whiting initial issuance allocation percentage for IFQ decided through the harvest specifications, 2011

Species/Species Group/Area	Trawl Allocation (mt)	At-sea Whiting set asides	Non-Whiting		Shorebased IFQ	
			percent	mt	percent	mt
Pacific Ocean Perch	137	17.4 (10.2 catcher/processor + 7.2 mothership)	89.5% [Remaining]	107	10.5% (Greater of 17% or 30 mt to shorebased + at-sea whiting)	12.6
Widow rockfish	491	147.9 (86.7 catcher/processor + 61.2 mothership)	68.7% (Remaining)	235	31.3% (52% to shorebased + at-sea whiting)	107.1
Yellowtail rockfish North of 40°10' N. lat.	3,401	300	90.3% (Remaining)	2,801	9.7% (300 mt)	300
Darkblotched rockfish	265	14.5 (8.5 catcher/processors + 6 mothership)	95.8% (Remaining)	240	4.20% (Greater of 9% or 25 mt to shorebased + at-sea whiting)	10.5
Minor slope rockfish South of 40°10' N. lat.	377	na	100%	377	0.0%	0
Minor shelf rockfish North of 40°10' N. lat. South of 40°10' N. lat.	557 86	35 na	82.6% 100%	431.2 86	17.4% 0.0%	90.8 0
Canary Rockfish	34.1	8.2 (4.8 catcher/processor + 3.4 mothership)	77.2%	20	22.8%	5.9
Bocaccio	60	na	100%	60	0.0%	0
Cowcod	1.8	na	100%	1.8	0.0%	0
Yelloweye Rockfish	0.6	0	100%	0.6	0.0%	0

[76 FR 27531, May 11, 2011]

TABLE 2a TO PART 660, SUBPART C—2016, AND BEYOND, SPECIFICATIONS OF OFL, ABC, ACL, ACT AND FISHERY HARVEST GUIDELINES (WEIGHTS IN METRIC TONS)

Table 2a. to Part 660, Subpart C- 2016, and Beyond, Specifications of OFL, ABC, ACL, ACT and Fishery harvest guidelines (weights in metric tons).

	OFL	ABC	ACL a/	Fishery HG b/
BOCACCIO S. of 40°10' N. lat. c/	1,351	1,291	362	354
CANARY ROCKFISH d/	729	697	125	110
COWCOD S. of 40°10' N. lat. e/	68	62	10	8
DARKBLOTCHED ROCKFISH f/	580	554	346	325
PACIFIC OCEAN PERCH g/	850	813	164	149
PETRALE SOLE h/	3,044	2,910	2,910	2,673
YELLOW EYE ROCKFISH i/	52	43	19	13
Arrowtooth flounder j/	6,396	5,328	5,328	3,241
Black rockfish (OR-CA) k/	1,183	1,131	1,000	999
Black rockfish (WA) l/	423	404	404	390
Cabezon (CA) m/	158	151	151	151
Cabezon (OR) n/	49	47	47	47
California scorpionfish o/	117	111	111	109
Chilipepper S. of 40°10' N. lat. p/	1,694	1,619	1,619	1,595
Dover sole q/	59,221	56,615	50,000	48,406
English sole r/	7,890	7,204	7,204	6,991
Lingcod N. of 40°10' N. lat. s/	2,891	2,719	2,719	2,441
Lingcod S. of 40°10' N. lat. t/	1,136	946	946	937
Longnose skate u/	2,405	2,299	2,000	1,927
Longspine thornyhead (coastwide) v/	4,763	3,968	NA	NA
Longspine thornyhead N. of 34°27' N. lat.	NA	NA	3,015	2,969
Longspine thornyhead S. of 34°27' N. lat.	NA	NA	952	949
Pacific Cod w/	3,200	2,221	1,600	1,091
Pacific whiting x/	x/	x/	x/	x/
Sablefish (coastwide)	8,526	7,784	NA	NA
Sablefish N. of 36° N. lat. y/	NA	NA	5,241	See Table 2c
Sablefish S. of 36° N. lat. z/	NA	NA	1,880	1,875
Shortbelly aa/	6,950	5,789	500	498
Shortspine thornyhead (coastwide) bb/	3,169	2,640	NA	NA
Shortspine thornyhead N. of 34°27' N. lat.	NA	NA	1,726	1,667
Shortspine thornyhead S. of 34°27' N. lat.	NA	NA	913	871
Spiny dogfish cc/	2,503	2,085	2,085	1,747
Splitnose S. of 40°10' N. lat. dd/	1,826	1,746	1,746	1,736
Starry flounder ee/	1,847	1,539	1,539	1,529
Widow rockfish ff/	3,990	3,790	2,000	1,880
Yellowtail N. of 40°10' N. lat. gg/	6,949	6,344	6,344	5,314
Minor Nearshore Rockfish N. of 40°10' N. lat. hh/	88	77	69	69
Minor Shelf Rockfish N. of 40°10' N. lat. ii/	2,218	1,953	1,952	1,880
Minor Slope Rockfish N. of 40°10' N. lat. jj/	1,844	1,706	1,706	1,642
Minor Nearshore Rockfish S. of 40°10' N. lat. kk/	1,288	1,148	1,006	1,002
Minor Shelf Rockfish S. of 40°10' N. lat. ll/	1,919	1,626	1,625	1,576
Minor Slope Rockfish S. of 40°10' N. lat. mm/	814	705	695	675
Other Flatfish nn/	9,645	7,243	7,243	7,039
Other Fish oo/	291	243	243	243

a/ Annual catch limits (ACLs), annual catch targets (ACTs) and harvest guidelines (HG) are specified as total catch values.

b/ Fishery harvest guidelines means the harvest guideline 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.

c/ Bocaccio. A bocaccio stock assessment update was conducted in 2013 for the bocaccio stock between the U.S.-Mexico border and Cape Blanco. The stock is 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. A historical catch distribution of approximately 6 percent was used to apportion the assessed stock to the area north of 40°10' N. lat. The bocaccio stock was estimated to be at 31.4 percent of its unfished biomass in 2013. The OFL of 1,351 mt is projected in the 2013 stock assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 1,291 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The 362 mt ACL is based on the current rebuilding plan with a target year to rebuild of 2022 and an SPR harvest rate of 77.7 percent. 8.3 mt is deducted from the ACL to accommodate the incidental open access fishery (0.7 mt), EFP catch (3.0 mt) and research catch (4.6 mt), resulting in a fishery HG of 353.7 mt. The California recreational fishery has an HG of 185.6 mt.

d/ Canary rockfish. A canary rockfish stock assessment update was conducted in 2011 and the stock was estimated to be at 23.2 percent of its unfished biomass coastwide in 2011. The coastwide OFL of 729 mt is projected in the 2011 rebuilding analysis using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 697 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL of 125 mt is based on the current rebuilding plan with a target year to rebuild of 2030 and an SPR harvest rate of 88.7 percent. 15.2 mt is deducted from the ACL to accommodate the Tribal fishery (7.7 mt), the incidental open access fishery (2 mt), EFP catch (1.0 mt) and research catch (4.5 mt) resulting in a fishery HG of 109.8 mt. Recreational HGs are: 3.5 mt (Washington); 12.0 mt (Oregon); and 25.0 mt (California).

e/ Cowcod. A stock assessment for the Conception Area was conducted in 2013 and the stock was estimated to be 33.9 percent of its unfished biomass in 2013. The Conception Area OFL of 56.4 mt is projected in the 2013 rebuilding analysis using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The OFL of 12.0 mt for the unassessed portion of the stock in the Monterey area is based on depletion-based stock reduction analysis. The OFLs for the Monterey and Conception areas were summed to derive the south of 40°10' N. lat. OFL of 68.4 mt. The

ABC for the area south of 40°10' N. lat. is 61.5 mt. The assessed portion of the stock in the Conception Area is considered category 2, with a Conception Area contribution to the ABC of 51.5 mt, which is an 8.7 percent reduction from the Conception area OFL ( $\sigma = 0.72/P^* = 0.45$ ). The unassessed portion of the stock in the Monterey area is considered a category 3 stock, with a contribution to the ABC of 10.0 mt, which is a 17 percent reduction from the Monterey area OFL ( $\sigma = 1.44/P^* = 0.45$ ). A single ACL of 10.0 mt is being set for both areas combined. The ACL of 10.0 mt is based on the rebuilding plan with a target year to rebuild of 2020 and an SPR harvest rate of 82.7 percent, which is equivalent to an exploitation rate (catch over age 11 + biomass) of 0.007. 2.0 mt is deducted from the ACL to accommodate EFP fishing (less than 0.02 mt) and research activity (2.0 mt), resulting in a fishery HG of 8.0 mt. Any additional mortality in research activities will be deducted from the ACL. A single ACT of 4.0 mt is being set for both areas combined.

f/ Darkblotched rockfish. A 2013 stock assessment estimated the stock to be at 36 percent of its unfished biomass in 2013. The OFL of 580 mt is projected in the 2013 stock assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 554 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL of 346 mt is based on the current rebuilding plan with a target year to rebuild of 2025 and an SPR harvest rate of 64.9 percent. 20.8 mt is deducted from the ACL to accommodate the Tribal fishery (0.2 mt), the incidental open access fishery (18.4 mt), EFP catch (0.1 mt) and research catch (2.1 mt), resulting in a fishery HG of 325.2 mt.

g/ Pacific Ocean Perch. A POP stock assessment was conducted in 2011 and the stock was estimated to be at 19.1 percent of its unfished biomass in 2011. The OFL of 850 mt for the area north of 40°10' N. lat. is projected in the 2011 rebuilding analysis using an  $F_{50\%}$   $F_{MSY}$  proxy. The ABC of 850 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL of 164 mt is based on the current rebuilding plan with a target year to rebuild of 2051 and an SPR harvest rate of 86.4 percent. 15 mt is deducted from the ACL to accommodate the Tribal fishery (9.2 mt), the incidental open access fishery (0.6 mt), and research catch (5.2 mt), resulting in a fishery HG of 149.0 mt.

h/ Petrale sole. A 2013 stock assessment estimated the stock to be at 22.3 percent of its unfished biomass in 2013. The OFL of 3,044 mt is projected in the 2013 assessment using an  $F_{30\%}$   $F_{MSY}$  proxy. The ABC of 2,910 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is based on the 25-5 harvest control rule specified in the current rebuilding plan; since the stock is projected to be rebuilt at the start of 2014, the ACL is set equal to the ABC. 236.6

mt is deducted from the ACL to accommodate the Tribal fishery (220 mt), the incidental open access fishery (2.4 mt), and research catch (14.2 mt), resulting in a fishery HG of 2,673.4 mt.

i/ Yelloweye rockfish. A stock assessment update was conducted in 2011. The stock was estimated to be at 21.4 percent of its unfished biomass in 2011. The 52 mt coastwide OFL was projected in the 2011 rebuilding analysis using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 43 mt is a 16.77 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The 19 mt ACL is based on the current rebuilding plan with a target year to rebuild of 2074 and an SPR harvest rate of 76.0 percent. 5.8 mt is deducted from the ACL to accommodate the Tribal fishery (2.3 mt), the incidental open access fishery (0.2 mt), EFP catch (0.03 mt) and research catch (3.3 mt) resulting in a fishery HG of 13.2 mt. Recreational HGs are being established: 3.1 mt (Washington); 2.8 mt (Oregon); and 3.7 mt (California).

j/ Arrowtooth flounder. The arrowtooth flounder stock was last assessed in 2007 and was estimated to be at 79 percent of its unfished biomass in 2007. The OFL of 6,396 mt is derived from the 2007 assessment using an  $F_{30\%}$   $F_{MSY}$  proxy. The ABC of 5,328 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{25\%}$ . 2,087 mt is deducted from the ACL to accommodate the Tribal fishery (2,041 mt), the incidental open access fishery (30 mt), and research catch (16.4 mt), resulting in a fishery HG of 3,241 mt.

k/ Black rockfish south (Oregon and California). A stock assessment was conducted for black rockfish south of 45°46' N. lat. (Cape Falcon, Oregon) to Central California (*i.e.*, the southern-most extent of black rockfish, Love et al. 2002) in 2007. The biomass in the south was estimated to be at 70 percent of its unfished biomass in 2007. The OFL from the assessed area is derived from the 2007 assessment using an  $F_{MSY}$  harvest rate proxy of  $F_{50\%}$  plus 3 percent of the OFL from the stock assessment conducted for black rockfish north of 45°46' N. lat., to cover the portion of the stock occurring off Oregon north of Cape Falcon (the 3% adjustment is based on historical catch distribution). The resulting OFL for the area south of 46°16' N. lat. is 1,183 mt. The ABC of 1,131 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The 2016 ACL is 1,000 mt, which maintains the constant catch strategy designed to keep the stock above its target biomass of  $B_{40\%}$ . 1 mt is deducted from the ACL to accommodate EFP catch, resulting in a fishery HG of 999 mt. The black rockfish ACL, in the area south of 46°16' N. lat. (Columbia River), is subdivided with separate HGs for waters off Oregon (579 mt/58

percent) and for waters off California (420 mt/42 percent).

l/ Black rockfish north (Washington). A stock assessment was conducted for black rockfish north of 45°46' N. lat. (Cape Falcon, Oregon) in 2007. The biomass in the north was estimated to be at 53 percent of its unfished biomass in 2007. The OFL from the assessed area is derived from the 2007 assessment using an  $F_{MSY}$  harvest rate proxy of  $F_{50\%}$ . The resulting OFL for the area north of 46°16' N. lat. is 423 mt and is 97 percent of the OFL from the assessed area based on the area distribution of historical catch. The ABC of 404 mt for the north is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC since the stock is above its target biomass of  $B_{40\%}$ . 14 mt is deducted from the ACL to accommodate the Tribal fishery, resulting in a fishery HG of 390 mt.

m/ Cabezon (California). A cabezon stock assessment was conducted in 2009. The cabezon spawning biomass in waters off California was estimated to be at 48.3 percent of its unfished biomass in 2009. The OFL of 158 mt is calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 151 mt is based on a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . There are no deductions from the ACL so the fishery HG is equal to the ACL of 151 mt.

n/ Cabezon (Oregon). A cabezon stock assessment was conducted in 2009. The cabezon spawning biomass in waters off Oregon was estimated to be at 52 percent of its unfished biomass in 2009. The OFL of 49 mt is calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 47 mt is based on a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 species. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . There are no deductions from the ACL so the fishery HG is also equal to the ACL of 47 mt.

o/ California scorpionfish was assessed in 2005 and was estimated to be at 79.8 percent of its unfished biomass in 2005. The OFL of 117 mt is projected in the 2005 assessment using an  $F_{MSY}$  harvest rate proxy of  $F_{50\%}$ . The ABC of 111 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . 2 mt is deducted from the ACL to accommodate the incidental open access fishery, resulting in a fishery HG of 109 mt.

p/ Chilipepper. The coastwide chilipepper stock was assessed in 2007 and estimated to be at 70 percent of its unfished biomass in 2006. 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. Projected OFLs are stratified north and south of 40°10'

N. lat. based on the average 1998–2008 assessed area catch, which is 93 percent for the area south of 40°10' N. lat. and 7 percent for the area north of 40°10' N. lat. The OFL of 1,694 mt for the area south of 40°10' N. lat. is projected in the 2007 assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 1,619 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . 24 mt is deducted from the ACL to accommodate the incidental open access fishery (5 mt), EFP fishing (10 mt), and research catch (9 mt), resulting in a fishery HG of 1,595 mt.

q/ Dover sole. A 2011 Dover sole assessment estimated the stock to be at 83.7 percent of its unfished biomass in 2011. The OFL of 59,221 mt is projected in the 2011 stock assessment using an  $F_{MSY}$  proxy of  $F_{30\%}$ . The ABC of 56,615 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL could be set equal to the ABC because the stock is above its target biomass of  $B_{25\%}$ . However, the ACL of 50,000 mt is set at a level below the ABC and higher than the maximum historical landed catch. 1,594 mt is deducted from the ACL to accommodate the Tribal fishery (1,497 mt), the incidental open access fishery (55 mt), and research catch (41.9 mt), resulting in a fishery HG of 48,406 mt.

r/ English sole. A 2013 stock assessment was conducted, which estimated the stock to be at 88 percent of its unfished biomass in 2013. The OFL of 7890 mt is projected in the 2013 assessment using an  $F_{MSY}$  proxy of  $F_{30\%}$ . The ABC of 7,204 mt is an 8.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.45$ ) as it is a category 2 stock. The ACL could be set equal to the ABC because the stock is above its target biomass of  $B_{25\%}$ . 213 mt is deducted from the ACL to accommodate the Tribal fishery (200 mt), the incidental open access fishery (7 mt) and research catch (5.8 mt), resulting in a fishery HG of 6,991 mt.

s/ Lingcod north. A lingcod stock assessment was conducted in 2009. The lingcod spawning biomass off Washington and Oregon was estimated to be at 62 percent of its unfished biomass in 2009. The OFL for Washington and Oregon of 1,842 mt is calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The OFL is re-apportioned by adding 48% of the OFL from California, resulting in an OFL of 2,891 mt for the area north of 40°10' N. lat. The ABC of 2,719 mt is based on a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) for the area north of 42° N. lat. as it's a category 1 stock, and an 8.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.45$ ) for the area between 42° N. lat. and 40°10' N. lat., as it's a category 2 stock. The ACL is set equal to the ABC since the stock is above its target biomass of  $B_{40\%}$ . 278 mt is deducted from the ACL to accommodate the Tribal fishery (250 mt), the incidental open access fishery (16 mt), EFP catch

(0.5 mt) and research catch (11.7 mt), resulting in a fishery HG of 2,441 mt.

t/ Lingcod south. A lingcod stock assessment was conducted in 2009. The lingcod spawning biomass off California was estimated to be at 74 percent of its unfished biomass in 2009. The OFL for California of 2,185 mt is projected in the assessment using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The OFL is re-apportioned by subtracting 48% of the OFL, resulting in an OFL of 1,136 mt for the area south of 40°10' N. lat. The ABC of 946 mt is based on a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The ACL is set equal to the ABC since the stock is above its target biomass of  $B_{40\%}$ . 9 mt is deducted from the ACL to accommodate the incidental open access fishery (7 mt), EFP fishing (1 mt), and research catch (1.1 mt), resulting in a fishery HG of 937 mt.

u/ Longnose skate. A stock assessment was conducted in 2007 and the stock was estimated to be at 66 percent of its unfished biomass. The OFL of 2,405 mt is derived from the 2007 stock assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 2,299 mt is a 4.4 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL of 2,000 mt is a fixed harvest level that provides greater access to the stock and is less than the ABC. 73 mt is deducted from the ACL to accommodate the Tribal fishery (56 mt), incidental open access fishery (3.8 mt), and research catch (13.2 mt), resulting in a fishery HG of 1,927 mt.

v/ Longspine thornyhead. A 2013 longspine thornyhead coastwide stock assessment estimated the stock to be at 75 percent of its unfished biomass in 2013. A coastwide OFL of 4,763 mt is projected in the 2013 stock assessment using an  $F_{50\%}$   $F_{MSY}$  proxy. The ABC of 3,968 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. For the portion of the stock that is north of 34°27' N. lat., the ACL is 3,015 mt, and is 76 percent of the coastwide ABC based on the average swept-area biomass estimates (2003–2012) from the NMFS NWFSC trawl survey. 46 mt is deducted from the ACL to accommodate the Tribal fishery (30 mt), the incidental open access fishery (3 mt), and research catch (13.5 mt) resulting in a fishery HG of 2,969 mt. For that portion of the stock south of 34°27' N. lat. the ACL is 952 mt and is 24 percent of the coastwide ABC based on the average swept-area biomass estimates (2003–2012) from the NMFS NWFSC trawl survey. 3 mt is deducted from the ACL to accommodate the incidental open access fishery (2 mt), and research catch (1 mt) resulting in a fishery HG of 949 mt.

w/ Pacific cod. The 3,200 mt OFL is based on the maximum level of historic landings. The ABC of 2,221 mt is a 30.6 percent reduction from the OFL ( $\sigma = 1.44/P^* = 0.40$ ) as it's a category 3 stock. The 1,600 mt ACL is the

OFL reduced by 50 percent as a precautionary adjustment. 509 mt is deducted from the ACL to accommodate the Tribal fishery (500 mt), research catch (7 mt), and the incidental open access fishery (2.0 mt), resulting in a fishery HG of 1,091 mt.

x/ Pacific whiting. Pacific whiting are assessed annually. The final specifications will be determined consistent with the U.S.-Canada Pacific Whiting Agreement and will be announced after the Council's April 2016 meeting.

y/ Sablefish north. A coastwide sablefish stock assessment was conducted in 2011. The coastwide sablefish biomass was estimated to be at 33 percent of its unfished biomass in 2011. The coastwide OFL of 8,526 mt is projected in the 2011 stock assessment using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 7,784 mt is an 8.7 percent reduction from the OFL ( $\sigma = 0.36/P^* = 0.40$ ). The 40–10 adjustment was applied to the ABC to derive a coastwide ACL value because the stock is in the precautionary zone. This coastwide ACL value is not specified in regulations. The coastwide ACL value is apportioned north and south of 36° N. lat., using the 2003–2010 average estimated swept area biomass from the NMFS NWFSC trawl survey, with 73.6 percent apportioned north of 36° N. lat. and 26.4 percent apportioned south of 36° N. lat. The northern ACL is 5,241 mt and is reduced by 524 mt for the tribal allocation (10 percent of the ACL north of 36° N. lat.). The 524 mt Tribal allocation is reduced by 1.6 percent to account for discard mortality. Detailed sablefish allocations are shown in Table 1c.

z/ Sablefish south. The ACL for the area south of 36° N. lat. is 1,880 mt (26.4 percent of the calculated coastwide ACL value). 5 mt is deducted from the ACL to accommodate the incidental open access fishery (2 mt) and research catch (3 mt), resulting in a fishery HG of 1,875 mt.

aa/ Shortbelly rockfish. A non-quantitative shortbelly rockfish assessment was conducted in 2007. The spawning stock biomass of shortbelly rockfish was estimated to be 67 percent of its unfished biomass in 2005. The OFL of 6,950 mt is based on the estimated MSY in the 2007 stock assessment. The ABC of 5,789 mt is a 16.7 percent reduction of the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The 500 mt ACL is set to accommodate for incidental catch when fishing for co-occurring healthy stocks and in recognition of the stock's importance as a forage species in the California Current ecosystem. 2 mt is deducted from the ACL to accommodate research catch, resulting in a fishery HG of 498 mt.

bb/ Shortspine thornyhead. A 2013 coastwide shortspine thornyhead stock assessment estimated the stock to be at 74.2 percent of its unfished biomass in 2013. A coastwide OFL of 3,169 mt is projected in the 2013 stock assessment using an  $F_{50\%}$   $F_{MSY}$

proxy. The coastwide ABC of 2,640 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. For the portion of the stock that is north of 34°27' N. lat., the ACL is 1,726 mt. The northern ACL is 65.4 percent of the coastwide ABC based on the average swept-area biomass estimates (2003–2012) from the NMFS NWFSC trawl survey 59 mt is deducted from the ACL to accommodate the Tribal fishery (50 mt), the incidental open access fishery (2 mt), and research catch (7 mt) resulting in a fishery HG of 1,667 mt for the area north of 34°27' N. lat. For that portion of the stock south of 34°27' N. lat. the ACL is 913 mt. The southern ACL is 35.6 percent of the coastwide ABC based on the average swept-area biomass estimates (2003–2012) from the NMFS NWFSC trawl survey. 42 mt is deducted from the ACL to accommodate the incidental open access fishery (41 mt) and research catch (1 mt), resulting in a fishery HG of 871 mt for the area south of 34°27' N. lat.

cc/ Spiny dogfish. A coastwide spiny dogfish stock assessment was conducted in 2011. The coastwide spiny dogfish biomass was estimated to be at 63 percent of its unfished biomass in 2011. The coastwide OFL of 2,503 mt is derived from the 2011 assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The coastwide ABC of 2,085 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . 338 mt is deducted from the ACL to accommodate the Tribal fishery (275 mt), the incidental open access fishery (49.5 mt), EFP catch (1 mt), and research catch (12.5 mt), resulting in a fishery HG of 1,747 mt.

dd/ Splitnose rockfish. A splitnose rockfish coastwide assessment was conducted in 2009 that estimated the stock to be at 66 percent of its unfished biomass in 2009. Splitnose rockfish in the north is managed in the Minor Slope Rockfish complex and with species-specific harvest specifications south of 40°10' N. lat. The coastwide OFL is projected in the 2009 assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The coastwide OFL is apportioned north and south of 40°10' N. lat. based on the average 1916–2008 assessed area catch resulting in 64.2 percent of the coastwide OFL apportioned south of 40°10' N. lat., and 35.8 percent apportioned for the contribution of splitnose rockfish to the northern Minor Slope Rockfish complex. The southern OFL of 1,826 mt results from the apportionment described above. The southern ABC of 1,746 mt is a 4.4 percent reduction from the southern OFL ( $\sigma = 0.36/P^* = 0.45$ ) as it's a category 1 stock. The ACL is set equal to the ABC because the stock is estimated to be above its target biomass of  $B_{40\%}$ . 110.5 mt is deducted from the ACL to accommodate research catch (9 mt) and EFP catch (1.5 mt), resulting in a fishery HG of 1,736 mt.



ee/ Starry Flounder. The stock was assessed in 2005 and was estimated to be above 40 percent of its unfished biomass in 2005 (44 percent in Washington and Oregon, and 62 percent in California). The coastwide OFL of 1,847 mt is derived from the 2005 assessment using an  $F_{MSY}$  proxy of  $F_{30\%}$ . The ABC of 1,539 mt is a 16.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.40$ ) as it's a category 2 stock. The ACL is set equal to the ABC because the stock is estimated to be above its target biomass of  $B_{25\%}$ . 10.3 mt is deducted from the ACL to accommodate the Tribal fishery (2 mt), and the incidental open access fishery (8.3 mt), resulting in a fishery HG of 1,529 mt.

ff/ Widow rockfish. The widow rockfish stock was assessed in 2011 and was estimated to be at 51.1 percent of its unfished biomass in 2011. The OFL of 3,990 mt is projected in the 2011 stock assessment using an  $F_{50\%}$   $F_{MSY}$  proxy. The ABC of 3,790 mt is a 5 percent reduction from the OFL ( $\sigma = 0.41/P^* = 0.45$ ). A unique sigma of 0.41 was calculated for widow rockfish since the variance in estimated biomass was greater than the 0.36 used as a proxy for other category 1 stocks. The ACL could be set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . However, the ACL of 2,000 mt is less than the ABC due to high uncertainty in estimated biomass, yet this level of allowable harvest will allow access to healthy co-occurring species, such as yellowtail rockfish. 120.2 mt is deducted from the ACL to accommodate the Tribal fishery (100 mt), the incidental open access fishery (3.3 mt), EFP catch (9 mt), and research catch (7.9 mt), resulting in a fishery HG of 1,880 mt.

gg/ Yellowtail rockfish. A 2013 yellowtail rockfish stock assessment was conducted for the portion of the population north of 40°10' N. lat. The estimated stock depletion is 69 percent of its unfished biomass in 2013. The OFL of 6,949 mt is projected in the 2013 stock assessment using an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 6,344 mt is an 8.7 percent reduction from the OFL ( $\sigma = 0.72/P^* = 0.45$ ) as it is a category 2 stock. The ACL is set equal to the ABC because the stock is above its target biomass of  $B_{40\%}$ . 1,029.6 mt is deducted from the ACL to accommodate the Tribal fishery (1,000 mt), the incidental open access fishery (3 mt), EFP catch (10 mt) and research catch (16.6 mt), resulting in a fishery HG of 5,314 mt.

hh/ Minor Nearshore Rockfish north. The OFL for Minor Nearshore Rockfish north of 40°10' N. lat. of 88 mt is the sum of the OFL contributions for the component species managed in the complex. The ABCs for the minor rockfish complexes are based on a sigma value of 0.72 for category 2 stocks (*i.e.*, blue rockfish in California, brown rockfish, China rockfish, and copper rockfish) and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.45. The resulting ABC of 77 mt is the summed contribution of the

ABCs for the component species. The ACL of 69 mt is the sum of contributing ABCs of healthy assessed stocks and unassessed stocks, plus the ACL contributions for blue rockfish in California and China rockfish where the 40-10 adjustment was applied to the ABC contributions for these two stocks because they are in the precautionary zone. No deductions are made to the ACL, thus the fishery HG is equal to the ACL, which is 69 mt. Between 40°10' N. lat. and 42° N. lat. the Minor Nearshore Rockfish complex north has a harvest guideline of 23.7 mt. Blue rockfish south of 42° N. lat. has a species-specific HG, described in footnote kk/.

ii/ Minor Shelf Rockfish north. The OFL for Minor Shelf Rockfish north of 40°10' N. lat. of 2,218 mt is the sum of the OFL contributions for the component species within the complex. The ABCs for the minor rockfish complexes are based on a sigma value of 0.72 for category 2 stocks (*i.e.*, greenspotted rockfish between 40°10' and 42° N. lat. and greenstriped rockfish) and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.45. The resulting ABC of 1,953 mt is the summed contribution of the ABCs for the component species. The ACL of 1,952 mt is the sum of contributing ABCs of healthy assessed stocks and unassessed stocks, plus the ACL contribution of greenspotted rockfish in California where the 40-10 adjustment was applied to the ABC contribution for this stock because it is in the precautionary zone. 72 mt is deducted from the ACL to accommodate the Tribal fishery (30 mt), the incidental open access fishery (26 mt), EFP catch (3 mt), and research catch (13.4 mt), resulting in a fishery HG of 1,880 mt.

jj/ Minor Slope Rockfish north. The OFL for Minor Slope Rockfish north of 40°10' N. lat. of 1,844 mt is the sum of the OFL contributions for the component species within the complex. The ABCs for the Minor Slope Rockfish complexes are based on a sigma value of 0.39 for aurora rockfish, a sigma value of 0.36 for other category 1 stocks (*i.e.*, splitnose rockfish), a sigma value of 0.72 for category 2 stocks (*i.e.*, roughey rockfish, blackspotted rockfish and sharpchin rockfish), and a sigma value of 1.44 for category 3 stocks (all others) with a  $P^*$  of 0.45. A unique sigma of 0.39 was calculated for aurora rockfish since the variance in estimated spawning biomass was greater than the 0.36 used as a proxy for other category 1 stocks. The resulting ABC of 1,706 mt is the summed contribution of the ABCs for the component species. The ACL is set equal to the ABC because all the assessed component stocks are above the target biomass of  $B_{40\%}$ . 64 mt is deducted from the ACL to accommodate the Tribal fishery (36 mt), the incidental open access fishery (19 mt), EFP catch (1 mt), and research catch (8.1 mt), resulting in a fishery HG of 1,642 mt.

kk/ Minor Nearshore Rockfish south. The OFL for the Minor Nearshore Rockfish complex south of 40°10' N. lat. of 1,288 mt is the sum of the OFL contributions for the component species within the complex. The ABC for the southern Minor Nearshore Rockfish complex is based on a sigma value of 0.36 for category 1 stocks (*i.e.*, gopher rockfish north of 34°27' N. lat.), a sigma value of 0.72 for category 2 stocks (*i.e.*, blue rockfish north of 34°27' N. lat., brown rockfish, China rockfish and copper rockfish) and a sigma value of 1.44 for category 3 stocks (all others) with a P\* of 0.45. The resulting ABC of 1,148 mt is the summed contribution of the ABCs for the component species. The ACL of 1,006 mt is the sum of the contributing ABCs of healthy assessed stocks and unassessed stocks, plus the ACL contribution for blue rockfish north of 34°27' N. lat. where the 40–10 adjustment was applied to the ABC contribution for this stock because it is in the precautionary zone. 4 mt is deducted from the ACL to accommodate the incidental open access fishery (1.4 mt) and research catch (2.6 mt), resulting in a fishery HG of 1,002 mt. Blue rockfish south of 42° N. lat. has a species-specific HG set equal to the 40–10-adjusted ACL for the portion of the stock north of 34°27' N. lat. (137.5) plus the ABC contribution for the unassessed portion of the stock south of 34°27' N. lat. (60.8 mt). The California (*i.e.* south of 42° N. lat.) blue rockfish HG is 198.3 mt.

ll/ Minor Shelf Rockfish south. The OFL for the Minor Shelf Rockfish complex south of 40°10' N. lat. of 1,919 mt is the sum of the OFL contributions for the component species within the complex. The ABCs for the southern Minor Shelf Rockfish complex is based on a sigma value of 0.72 for category 2 stocks (*i.e.*, greenspotted and greenstriped rockfish) and a sigma value of 1.44 for category 3 stocks (all others) with a P\* of 0.45. The resulting ABC of 1,626 mt is the summed contribution of the ABCs for the component species. The ACL of 1,625 mt is the sum of contributing ABCs of healthy assessed stocks and unassessed stocks, plus the ACL contribution of greenspotted rockfish in California where the 40–10 adjustment was applied to the ABC contribution for this stock because it is in the precautionary zone. 49 mt is deducted from the ACL to accommodate the incidental open access fishery (9 mt), EFP catch (30 mt), and research catch (9.6 mt), resulting in a fishery HG of 1,576 mt.

mm/ Minor Slope Rockfish south. The OFL of 814 mt is the sum of the OFL contributions for the component species within the complex. The ABC for the southern Minor Slope Rockfish complex is based on a sigma value of 0.39 for aurora rockfish, a sigma value of 0.72 for category 2 stocks (*i.e.*, blackgill rockfish, rougheye rockfish, blackspotted rockfish, sharpchin rockfish)

and a sigma value of 1.44 for category 3 stocks (all others) with a P\* of 0.45. A unique sigma of 0.39 was calculated for aurora rockfish since the variance in estimated biomass was greater than the 0.36 used as a proxy for other category 1 stocks. The resulting ABC of 705 mt is the summed contribution of the ABCs for the component species. The ACL of 695 mt is the sum of the contributing ABCs of healthy assessed stocks and unassessed stocks, plus the ACL contribution of blackgill rockfish where the 40–10 adjustment was applied to the ABC contribution for this stock because it is in the precautionary zone. 20 mt is deducted from the ACL to accommodate the incidental open access fishery (17 mt), EFP catch (1 mt), and research catch (2 mt), resulting in a fishery HG of 675 mt. Blackgill rockfish has a species-specific HG set equal to the species' contribution to the 40–10-adjusted ACL. The blackgill rockfish HG is 117 mt.

nn/ Other Flatfish. The Other Flatfish complex is comprised of flatfish species managed in the PCGFMP that are not managed with species-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 (assessed in 2013, but the assessment results were too uncertain to inform harvest specifications), rock sole, sand sole, and rex sole (assessed in 2013). The Other Flatfish OFL of 9,645 mt is based on the sum of the OFL contributions of the component stocks. The ABC of 7,243 mt is based on a sigma value of 0.72 for category 2 stocks (*i.e.*, rex sole) and a sigma value of 1.44 for category 3 stocks (all others) with a P\* of 0.40. The ACL is set equal to the ABC. The ACL is set equal to the ABC since all of the assessed stocks (*i.e.*, Pacific sanddabs and rex sole) were above their target biomass of B<sub>25%</sub>. 204 mt is deducted from the ACL to accommodate the Tribal fishery (60 mt), the incidental open access fishery (125 mt), and research catch (19 mt), resulting in a fishery HG of 7,039 mt.

oo/ Other Fish. The Other Fish complex is comprised of kelp greenling coastwide, cabezon off Washington, and leopard shark coastwide. These species are unassessed. The OFL of 291 mt is the sum of the OFL contributions for kelp greenling off California (the SSC has not approved methods for calculating the OFL contributions for kelp greenling off Oregon and Washington), cabezon off Washington, and leopard shark coastwide. The ABC of 243 mt is the sum of ABC contributions for kelp greenling off California, cabezon off Washington and leopard shark coastwide calculated by applying a P\* of 0.45 and a sigma of 1.44 to the OFL contributions for those stocks. The ACL is set equal to the ABC. There are no deductions from the ACL so the fishery HG is equal to the ACL of 243 mt.

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Pt. 660, Subpt. C, Table 2b

[80 FR 12582, Mar. 10, 2015]

TABLE 2b TO PART 660, SUBPART C—2016, AND BEYOND, ALLOCATIONS BY SPECIES OR SPECIES GROUP [WEIGHTS IN METRIC TONS]

Table 2b. to Part 660, Subpart C – 2016, and Beyond, Allocations by Species or Species Group (Weights in Metric Tons).

Species	Area	Fishery HG or ACT	Trawl		Non-trawl	
			%	Mt	%	Mt
BOCACCIO a/	S of 40°10' N. lat.	353.7	N/A	85.0	N/A	268.7
CANARY ROCKFISH a/ b/	Coastwide	109.8	N/A	58.5	N/A	51.3
COWCOD a/ c/	S of 40°10' N. lat.	4.0	N/A	1.4	N/A	2.6
DARKBLOTTCHED ROCKFISH d/	Coastwide	325.2	95%	308.9	5%	16.3
PETRALE SOLE a/	Coastwide	2,673.4	N/A	2,638.4	N/A	35.0
PACIFIC OCEAN PERCH e/	N of 40°10' N. lat.	149.0	95%	141.6	5%	7.5
YELLOWEYE ROCKFISH a/	Coastwide	13.2	N/A	1.1	N/A	12.1
Arrowtooth flounder	Coastwide	3,241	95%	3,079	5%	162
Chilipepper	S of 40°10' N. lat.	1,595	75%	1,196	25%	399
Dover sole	Coastwide	48,406	95%	45,986	5%	2,420
English sole	Coastwide	6,991	95%	6,642	5%	350
Lingcod	N of 40°10' N. lat.	2,441	45%	1,098	55%	1,342
Lingcod	S of 40°10' N. lat.	937	45%	422	55%	515
Longnose skate a/	Coastwide	1,927	90%	1,734	10%	193
Longspine thornyhead	N of 34°27' N. lat.	2,969	95%	2,820	5%	148
Pacific cod	Coastwide	1,091	95%	1,036	5%	55
Pacific whiting	Coastwide	TBD	100%	TBD	0%	TBD
Sablefish	N of 36° N. lat.	0	See Table 1 c			
Sablefish	S of 36° N. lat.	1,875	42%	788	58%	1,088
Shortspine thornyhead	N of 34°27' N. lat.	1,667	95%	1,583	5%	83
Shortspine thornyhead	S of 34°27' N. lat.	871	NA	50	NA	821
Splitnose	S of 40°10' N. lat.	1,736	95%	1,649	5%	87
Starry flounder	Coastwide	1,529	50%	764	50%	764
Widow rockfish f/	Coastwide	1,880	91%	1,711	9%	169
Yellowtail rockfish	N of 40°10' N. lat.	5,314	88%	4,677	12%	638
Minor Shelf Rockfish complex a/	N of 40°10' N. lat.	1,880	60.2%	1,132	39.8%	748
Minor Shelf Rockfish complex a/	S of 40°10' N. lat.	1,576	12.2%	192	87.8%	1,384
Minor Slope Rockfish complex	N of 40°10' N. lat.	1,642	81%	1,330	19%	312
Minor Slope Rockfish complex	S of 40°10' N. lat.	675	63%	425	37%	250
Other Flatfish complex	Coastwide	7,039	90%	6,335	10%	704

a/ Allocations decided through the biennial specification process.

b/ 14.0 mt of the total trawl allocation of canary rockfish is allocated to the at-sea whiting fisheries, as follows: 5.8 mt for the mothership fishery, and 8.2 mt for the catcher/processor fishery.

c/ The cowcod fishery harvest guideline is further reduced to an ACT of 4.0 mt.

d/ Consistent with regulations at §660.55(c), 9 percent (27.8 mt) of the total trawl allocation for darkblotched rockfish is allocated to the whiting fisheries, as follows: 11.7 mt for the shorebased IPQ fishery, 6.7 mt for the mothership fishery, and 9.4 mt for the catcher/processor fishery. The tonnage calculated here for the whiting portion of the shorebased IPQ fishery contributes to the total shorebased trawl allocation, which is found at 660.140(d)(1)(ii)(D).

e/ Consistent with regulations at §660.55(c), 30 mt of the total trawl allocation for POP is allocated to the whiting fisheries, as follows: 12.6 mt for the shorebased IPQ fishery, 7.2 mt for the mothership fishery, and 10.2 mt for the catcher/processor fishery. The tonnage calculated here for the whiting portion of the shorebased IPQ fishery contributes to the total shorebased trawl allocation, which is found at 660.140(d)(1)(ii)(D).

f/ Consistent with regulations at §660.55(c), 500 mt of the total trawl allocation for widow rockfish is allocated to the whiting fisheries, as follows: 210 mt for the shorebased IPQ fishery, 120 mt for the mothership fishery, and 170 mt for the catcher/processor fishery. The tonnage calculated here for the whiting portion of the shorebased IPQ fishery contributes to the total shorebased trawl allocation, which is found at 660.140(d)(1)(ii)(D).

[80 FR 12582, Mar. 10, 2015]

TABLE 2c TO PART 660, SUBPART C—SABLEFISH NORTH OF 36° N. LAT. ALLOCATIONS, 2016 AND BEYOND

Table 2c. to Part 660, Subpart C – Sablefish North of 36° N. lat. Allocations, 2016 and Beyond.

Year	ACL	Set-asides		Recreational Estimate	EFP	Commercial HG	Limited Entry HG		Open Access HG	
		Tribal a/	Research				%	Mt	%	Mt b/
2016	5,241	524	26	6.1	1	4,684	90.6%	4,244	9.4%	440
Year	LE All	Limited Entry Trawl c/				Limited Entry Fixed Gear d/				
2016	4,244	ALL Trawl	At-sea Whiting	Shorebased IFQ		ALL FG	Primary	Primary	DTL	DTL
		2,461	50	2,411		1,782	1,515	1,515	267	267
a/ The tribal allocation is further reduced by 1.6% for discard mortality resulting in 515.7 mt in 2016.										
b/ The open access HG is taken by the incidental OA fishery and the directed OA fishery.										
c/ The trawl allocation is 58% of the limited entry HG										
d/ The limited entry fixed gear allocation is 42% of the limited entry HG										

**Fishery Conservation and Management**

**Pt. 660, Subpt. C, Table 2d**

TABLE 2d TO PART 660, SUBPART C—AT-SEA WHITING FISHERY ANNUAL SET-ASIDES, 2016 AND BEYOND

**Table 2d. to Part 660, Subpart C – At-Sea Whiting Fishery Annual Set-Asides, 2016 and Beyond.**

Species or Species Complex	Area	Set Aside (mt)
BOCACCI0	S. of 40°10 N. lat.	NA
CANARY ROCKFISH a/	Coastwide	Allocation
COWCOD	S. of 40°10 N. lat.	NA
DARKBLOTCHED ROCKFISH a/	Coastwide	Allocation
PACIFIC OCEAN PERCH a/	N. of 40°10 N. lat.	Allocation
PETRALE SOLE	Coastwide	5
YELLOWEYE	Coastwide	0
Arrowtooth Flounder	Coastwide	45
Chilipepper	S. of 40°10 N. lat.	NA
Dover Sole	Coastwide	5
English Sole	Coastwide	5
Lingcod	N. of 40°10 N. lat.	15
Lingcod	S. of 40°10 N. lat.	NA
Longnose Skate	Coastwide	5
Longspine Thornyhead	N. of 34°27 N. lat.	5
Longspine Thornyhead	S. of 34°27 N. lat.	NA
Minor Nearshore Rockfish	N. of 40°10 N. lat.	NA
Minor Nearshore Rockfish	S. of 40°10 N. lat.	NA
Minor Shelf Rockfish	N. of 40°10 N. lat.	35
Minor Shelf Rockfish	S. of 40°10 N. lat.	NA
Minor Slope Rockfish	N. of 40°10 N. lat.	100
Minor Slope Rockfish	S. of 40°10 N. lat.	NA
Other Fish	Coastwide	NA
Other Flatfish	Coastwide	20
Pacific Cod	Coastwide	5
Pacific Halibut b/	Coastwide	10
Pacific Whiting	Coastwide	Allocation
Sablefish	N. of 36° N. lat.	50
Sablefish	S. of 36° N. lat.	NA
Shortspine Thornyhead	N. of 34°27 N. lat.	20
Shortspine Thornyhead	S. of 34°27 N. lat.	NA
Starry Flounder	Coastwide	5
Widow Rockfish a/	Coastwide	Allocation
Yellowtail	N. of 40°10 N. lat.	300
a/ See Table 1.b., to Subpart C, for the at-sea whiting allocations for these species.		
b/ As stated in §660.55 (m), the Pacific halibut set-aside is 10 mt, to accommodate bycatch in the at-sea Pacific whiting fisheries and in the shorebased trawl sector south of 40°10 N. lat. (estimated to 5 mt each).		

[80 FR 12582, Mar. 10, 2015]

Pt. 660, Subpt. C, Table 3

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TABLE 3 TO PART 660, SUBPART C—VESSEL CAPACITY RATINGS FOR WEST COAST GROUND FISH 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
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
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
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

Fishery Conservation and Management

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Vessel length	Capacity rating	Vessel length	Capacity rating
160	160.36	233	206.42
161	160.99	234	207.05
162	161.62	235	207.68
163	162.25	236	208.32
164	162.88	237	208.95
165	163.51	238	209.58
166	164.14	239	210.21
167	164.77	240	210.84
168	165.41	241	211.47
169	166.04	242	212.10
170	166.67	243	212.73
171	167.30	244	213.36
172	167.93	245	213.99
173	168.56	246	214.63
174	169.19	247	215.26
175	169.82	248	215.89
176	170.45	249	216.52
177	171.08	250	217.15
178	171.72	251	217.78
179	172.35	252	218.41
180	172.98	253	219.04
181	173.61	254	219.67
182	174.24	255	220.30
183	174.87	256	220.94
184	175.50	257	221.57
185	176.13	258	222.20
186	176.76	259	222.83
187	177.40	260	223.46
188	178.03	261	224.09
189	178.66	262	224.72
190	179.29	263	225.35
191	179.92	264	225.98
192	180.55	265	226.61
193	181.18	266	227.25
194	181.81	267	227.88
195	182.44	268	228.51
196	183.07	269	229.14
197	183.71	270	229.77
198	184.34	271	230.40
199	184.97	272	231.03
200	185.60	273	231.66
201	186.23	274	232.29
202	186.86	275	232.93
203	187.49	276	233.56
204	188.12	277	234.19
205	188.75	278	234.82
206	189.38	279	235.45
207	190.02	280	236.08
208	190.65	281	236.71
209	191.28	282	237.34
210	191.91	283	237.97
211	192.54	284	238.60
212	193.17	285	239.24
213	193.80	286	239.87
214	194.43	287	240.50
215	195.06	288	241.13
216	195.69	289	241.76
217	196.33	290	242.39
218	196.96	291	243.02
219	197.59	292	243.65
220	198.22	293	244.28
221	198.85	294	244.91
222	199.48	295	245.55
223	200.11	296	246.18
224	200.74	297	246.81
225	201.37	298	247.44
226	202.01	299	248.07
227	202.64	300	248.70
228	203.27	301	249.33
229	203.90	302	249.96
230	204.53	303	250.59
231	205.16	304	251.22
232	205.79	305	251.86

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Vessel length	Capacity rating
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
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
375	296.03
376	296.66
377	297.29
378	297.92

Vessel length	Capacity rating
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

[69 FR 18453, Apr. 7, 2004. 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 covers 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 Coop Program, and the C/P Coop 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 right, title, or interest in or to any fish before the fish is harvested by the holder and shall be considered a grant of permission to the holder of the limited access privilege to engage in~~