

Regulations, any commercial, recreational, scientific, or educational collection activities, including the collection of *Ursia furtiva*, would require a permit by the National Park Service. Also, we have not identified any threat to the species under the other four listing factors requiring regulatory protection. Consequently, we do not find that the lack of regulatory mechanisms, other than the National Park Service's permit requirement, constitutes an independent threat to the species. We conclude that the *U. furtiva* is not threatened by the inadequacy of existing regulatory mechanisms now or likely to become so.

#### *Factor E. Other Natural or Manmade Factors Affecting Its Continued Existence*

For a more detailed description of how we consider the effects of climate change as a component of our analyses of species under the Act, please see *Factor A, Climate Change*, above under the Tamaulipan agapema. While it appears reasonable to assume that climate change will occur within Big Bend National Park where the only specimen of *Ursia furtiva* has been documented, we lack sufficient information to know specifically how climate change will affect the species. In addition, since we have no information of the habitat required by this species, we cannot make any predictions about the effects of climate change on the habitat. We have not identified, nor are we aware of, any data on an appropriate scale to evaluate habitat or population trends for the species, or to make predictions on future trends and whether the species will actually be impacted. Therefore, based on the best available information, we conclude that *U. furtiva* is not threatened by climate change now or likely to become so.

#### **Finding for the *Ursia furtiva***

As required by the Act, we considered the five factors in assessing whether the *Ursia furtiva* is endangered or threatened throughout all of its range. We examined the best scientific and commercial information available regarding the past, present, and future threats faced by the *U. furtiva*. We reviewed the petition, information available in our files, and other available published and unpublished information, and we consulted with recognized moth experts and State agencies.

Based on our review of the best available scientific and commercial information pertaining to the five factors, we found no information to indicate that there are threats to the

species or its habitat, from any of the five factors. This species is known from only one documented specimen. Therefore, we lack data about *Ursia furtiva*'s habitat, current or historical distributions, and susceptibility to threats. Based on the very limited information about this species, we have determined that *U. furtiva* is not in danger of extinction or likely to become so.

#### *Significant Portion of the Range*

Having determined that *Ursia furtiva* is not in danger of extinction or likely to become so throughout its range, we must next consider whether there are any significant portions of the range where the species is in danger of extinction or is likely to become endangered in the foreseeable future. Because the species is known from only one documented specimen, we lack information about *U. furtiva*'s habitat, current or historical distributions, and susceptibility to threats. There is nothing to suggest that threats are disproportionately acting on any portion of the species' range such that the species is at risk of extinction now or in the foreseeable future. Therefore, we find that listing the *U. furtiva* as an endangered or threatened species is not warranted throughout all or a significant portion of its range.

#### **Conclusion of 12-Month Finding**

We find the Tamaulipan agapema, *Sphingicampa blanchardi*, and *Ursia furtiva* are not in danger of extinction now, nor is any of these three species likely to become so throughout all or a significant portion of its range. Therefore, listing any of these three species as endangered or threatened under the Act is not warranted at this time.

We request that you submit any new information concerning the status of, or threats to, the Tamaulipan agapema or *Sphingicampa blanchardi* to our Corpus Christi Ecological Services Field Office (see **ADDRESSES**) whenever it becomes available. New information will help us monitor the species and encourage its conservation. If an emergency situation develops for either the Tamaulipan agapema, *S. blanchardi*, or any other species, we will act to provide immediate protection.

Also, we request that you submit any new information concerning the status of, or threats to, *Ursia furtiva* to our Austin Ecological Services Field Office (see **ADDRESSES**) whenever it becomes available. New information will help us monitor *U. furtiva* and encourage its conservation. If an emergency situation develops for *U. furtiva*, or any other

species, we will act to provide immediate protection.

#### **References Cited**

A complete list of references cited is available on the Internet at <http://www.regulations.gov> and upon request from the Austin and Corpus Christi Ecological Services Field Offices (see **ADDRESSES**).

#### **Author**

The primary author of this notice is a staff member of the Southwest Regional Office.

**Authority:** The authority for this section is section 4 of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

Dated: September 7, 2011.

**Rowan W. Gould,**

*Acting Director, Fish and Wildlife Service.*

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#### **DEPARTMENT OF COMMERCE**

#### **National Oceanic and Atmospheric Administration**

#### **50 CFR Part 660**

[Docket No. 110908575-1573-01]

**RIN 0648-BB27**

#### **Fisheries Off West Coast States; Pacific Coast Groundfish Fishery; 2012 Specifications and Management Measures and Secretarial Amendment 1**

**AGENCY:** National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

**ACTION:** Proposed rule; request for comments.

**SUMMARY:** This proposed action would establish the 2012 harvest specifications and management measures for certain groundfish species taken in the U.S. exclusive economic zone (EEZ) off the coasts of Washington, Oregon, and California consistent with the Magnuson-Stevens Fishery Conservation and Management Act and the Pacific Coast Groundfish Fishery Management Plan (PCGFMP). This action includes regulations to implement Secretarial Amendment 1 to the PCGFMP. Secretarial Amendment 1 contains the rebuilding plans for overfished species and new reference points for assessed flatfish species.

**DATES:** Comments must be received no later than 5 p.m., local time on November 8, 2011.

**ADDRESSES:** You may submit comments, identified by NOAA–NMFS–2011–0207, by any of the following methods:

- **Electronic Submissions:** Submit all electronic public comments via the Federal eRulemaking Portal at <http://www.regulations.gov>.

- **Fax:** 206–526–6736, *Attn:* Sarah Williams.

- **Mail:** William W. Stelle, Jr., Regional Administrator, Northwest Region, NMFS, 7600 Sand Point Way, NE., Seattle, WA 98115–0070, *Attn:* Sarah Williams.

**Instructions:** All comments received are a part of the public record and will generally be posted to <http://www.regulations.gov> without change. All personal identifying information (for example, name, address, *etc.*) voluntarily submitted by the commenter may be publicly accessible. Do not submit confidential business information, or otherwise sensitive or protected information.

National Marine Fisheries Service (NMFS) will accept anonymous comments (enter N/A in the required fields if you wish to remain anonymous). Attachments to electronic comments will be accepted in Microsoft Word, Excel, WordPerfect, or Adobe PDF file formats only.

Information relevant to this proposed rule, which includes a final environmental impact statement (FEIS), a regulatory impact review (RIR), and an initial regulatory flexibility analysis (IRFA) is available for public review during business hours at the office of the Pacific Fishery Management Council (Council), at 7700 NE Ambassador Place, Portland, OR 97220, phone: 503–820–2280. Copies of additional reports referred to in this document may also be obtained from the Pacific Fishery Management Council (Council).

**FOR FURTHER INFORMATION CONTACT:** Sarah Williams, *phone:* 206–526–4646, *fax:* 206–526–6736, or *e-mail:* [sarah.williams@noaa.gov](mailto:sarah.williams@noaa.gov).

#### **SUPPLEMENTARY INFORMATION:**

##### **Electronic Access**

This rule is accessible via the Internet at the Office of the **Federal Register** Web site at [http://www.access.gpo.gov/su\\_docs/aces/aces140.html](http://www.access.gpo.gov/su_docs/aces/aces140.html). Background information and documents are available at the NMFS Northwest Region Web site at <http://www.nwr.noaa.gov/Groundfish-Halibut/Groundfish-Fishery-Management/index.cfm> and at the Council's Web site at <http://www.pcouncil.org>.

##### **Background**

Every other year, the Pacific Fishery Management Council (Council) makes

recommendations to set biennial allowable harvest levels for Pacific Coast groundfish, and recommends management measures for commercial and recreational fisheries that are designed to achieve those harvest levels. For the 2011–2012 biennium, the Council recommended Amendment 16–5 to the PCGFMP and proposed specifications and management measures. Amendment 16–5 included one new and seven revised rebuilding plans, and new reference points for assessed flatfish species. A Draft Environmental Impact Statement (DEIS) was published in August 2010 that analyzed the effects of Amendment 16–5 and the 2011–2012 groundfish harvest specifications and management measures. During the comment period on the DEIS NMFS reviewed the DEIS and the comments and concluded that the analysis did not clearly explain the alternatives in such a way that NMFS could choose among them. Therefore the Amendment was disapproved on December 23, 2010.

Because management measures were needed, NMFS published a final rule establishing harvest specifications and management measures for most species (75 FR 27508, May 11, 2011), pursuant to NFMS' emergency authority under section 305(c) of the Magnuson-Stevens Fishery Conservation and Management Act (MSA), 16 U.S.C. 1301 *et seq.* Accordingly, the provisions are effective for a maximum of 366 days. For more detail, see the "Comments and Responses" section of the final rule, 76 FR 27509. The provisions implemented pursuant to emergency authority included the rebuilding plans and corresponding harvest levels, new proxy reference points for assessed flatfish species, and the Overfishing Limits (OFLs), Acceptable Biological Catches (ABCs), and Annual Catch Limits (ACLs) for assessed flatfish based on the new reference points.

This action proposes to implement specifications and management measures previously in place through the emergency rules discussed above. The specifics associated with the development and decision making processes for this action can be found in the proposed rule (75 FR 67810, November 3, 2010) and final rule (75 FR 27508, May 11, 2011).

##### **Regulations Implemented Through Secretarial Authority and Secretarial FMP Amendment 1**

Under MSA section 304(a) (16 U.S.C. 1854(c)), when the Secretary of Commerce (the Secretary) disapproves of a Council's FMP amendment, the Council may resubmit a revised

amendment. If the Council does not submit a revised amendment, the Secretary, acting through NMFS, is authorized to prepare an amendment, 16 U.S.C. 1854(c)(1).

NMFS disapproved of the Council's FMP amendment, and in June 2011, the Council decided not to resubmit a revised amendment. NMFS therefore proposes to implement Secretarial Amendment 1 to the FMP pursuant to section 304(c) of the MSA.

Secretarial Amendment 1 is a revised version of Amendment 16–5. While a Secretarial Amendment is rare, the substance of this Amendment is routine and implements provisions through notice and comment rulemaking that were previously created by emergency action. Specifically, this action proposes to update the regulations at 50 CFR part 660 to establish new and revised rebuilding plans, establish the 2012 harvest specifications consistent with those rebuilding plans and new flatfish proxies, and calculate the resulting shorebased trawl allocations.

Secretarial Amendment 1 also proposes to make some non-substantive structural changes to the PCGFMP by moving the descriptions of rebuilding plans and associated text to an appendix. The appendix could be updated without requiring an FMP amendment, following notice and comment provisions as described in the FMP. This change would ensure that the rebuilding plans are easily accessible to the Council, agency, and members of the public. Currently, the PCGFMP allows the updating of rebuilding parameters, such as the target year to rebuild, through regulatory amendments rather than FMP amendments. However, the exact provisions of the rebuilding plans are frequently difficult to locate because they are imbedded in the rule's text and in the main body of the FMP. By moving text to an appendix, Secretarial Amendment 1 would not change any substantive rebuilding policies or procedures described in the PCGFMP. Rather, it would enhance the public's access to current rebuilding plans; if a rebuilding parameter or other element of a rebuilding plan changes through the biennial harvest specifications and management process, the appendix would be updated after the final rule is in place without a separate FMP amendment.

##### **Regulations Implemented Through Routine Rulemaking**

In addition to the regulations proposed to implement Secretarial Amendment 1, this action proposes two regulatory changes. First, this rule proposes to correct the 2012 limited

entry fixed gear sablefish tier limits. On May 18, 2011, NMFS was notified by the Executive Director of the Council that there was a mistake in the calculation of the 2011 and 2012 sablefish cumulative limits during the development of the 2011–2012 biennial specifications and management measures. The Executive Director requested that NMFS correct the sablefish cumulative limits for the limited entry fixed gear primary fishery as quickly as possible, because the 2011 primary fishery season opened on April 1, and some vessels are actively fishing on their cumulative limits. A previous rule corrected the limits for 2011 (76 FR 34910, June 15, 2011), but no correction was made for 2012. These limits were incorrect in the 2011–2012 final rule, and therefore this rule proposes to correct these limits for 2012.

The limits proposed in this rule are consistent with the analysis in the FEIS on the 2011–2012 Harvest Specifications and Management Measures and the intent of the previously published regulations because the tier limits corrected through this rule are the result of a minor calculation change and do not reflect a policy or management shift in regards to season structure, opening or closing dates of the fishery or any other management measure.

Second, this rule proposes to update the lingcod regulations and allocation tables for the Trawl Individual Quota (TIQ) program at § 660.140, because of a new geographical split for lingcod. Lingcod is one of the Individual Fishing Quota (IFQ) species that is allocated through the TIQ program. NMFS initially issued Quota Share (QS) and Quota Pounds (QP) for lingcod on a coastwide basis. For the 2011–2012 harvest specifications, the lingcod OFLs, ABCs and ACLs were split at 42° N. lat; however, the trawl rationalization regulations were not conformed to the split. Therefore, this rule proposes to conform the trawl rationalization regulations to the split at 42° N. lat.

Current regulations at 660.140(c)(3)(vii)(A)(1) state that, following initial QS allocation, if a species has a new geographical subdivision QS holders will be issued an amount of QS “for each newly created area that is equivalent to the amount they held for the area before it was subdivided.” Consistent with this provision, this rule proposes to update the list of IFQ species, the shorebased trawl allocations, the shorebased IFQ accumulation limits, update the shorebased IFQ vessel accumulation limits, the IFQ management areas, the Pacific Coast treaty Indian fisheries

allocations and harvest guidelines, and Table 2d (At-Sea whiting fishery annual set asides).

### Classification

Pursuant to section 304(b)(1)(A) of the Magnuson-Stevens Act, the NMFS Assistant Administrator has determined that this proposed rule is consistent with the Secretarial Amendment 1, other provisions of the Magnuson-Stevens Act, and other applicable law, subject to further consideration after public comment.

This proposed rule has been determined to be not significant for purposes of Executive Order 12866.

A DEIS and FEIS were prepared for the 2011–2012 groundfish harvest specifications and management measures, which this action would implement in part. The DEIS includes an RIR and an IRFA; the FEIS includes a FRFA. The Environmental Protection Agency published a notice of availability for the final EIS associated with this action on March 11, 2011 (76 FR 13401). A copy of the DEIS and/or FEIS is available online at <http://www.pcouncil.org/>.

NMFS prepared an initial regulatory flexibility analysis (IRFA) for this rule, as required by section 603 of the RFA (RFA). The IRFA describes the economic impact this proposed rule, if adopted, would have on small entities. A description of the action, why it is being considered, and the legal basis for this action are contained at the beginning of this section and in the preamble. For the 2011–2012 biennium, NMFS published a final rule that established harvest specifications and management measures for most species (75 FR 27508, May 11, 2011). The IRFA and the FRFA associated with the May 11, 2011 rule making (and with the DEIS and FEIS) describe the economic impacts of the measures being proposed in this rule. The discussion below, except for the update on recent trends in the shorebased trawl fishery, repeats the FRFA discussion found in the preamble of the May 11, 2011 rule. A copy of the IRFA is available from NMFS (see **ADDRESSES**).

The following summary is based on analyses discussed in Chapter 4 of the FEIS and in the May 2011 FRFA.

NMFS considered five alternatives to the proposed action. A no action alternative, the Council’s final preferred alternative, and three alternatives which were discussed as a “low”, “intermediate” and “high” options for overfished species ACLs. The No Action alternative would have retained the status quo in the fishery prior to NMFS’ implementing the emergency rules. The

Council’s preferred alternative, Alternative 3, was a mixture of “high” and “intermediate” ACLs for overfished species. It is discussed in detail below. NMFS’ preferred alternative was a slightly modified version of the Council’s preferred alternative and only varied in the ACL values for two overfished species. The low, intermediate, and high alternatives varied only in their ACLs for overfished species. After adjusting each alternative to have the same level of whiting harvests, there are no differences between the Council’s FPA and the NMFS preferred alternative in terms of ex-vessel revenues and recreational trips.

The overall economic impact of NMFS’ preferred alternative is that many sectors are expected to achieve social and economic benefits similar to those under the current regulations, or the No Action alternative. For both 2011 and 2012, the combined total annual ex-vessel revenues associated with the NMFS preferred alternative including at-sea whiting, is expected to be about \$90 million, compared with the No-Action level of \$82 million. (Note that ex-vessel revenues are just one indicator of the commercial value of the fishery. For example, they understate the wholesale, export, and retail revenues earned from the fishery. Data on these other indicators is either incomplete or unavailable.)

On a coastwide basis, excluding at-sea whiting, commercial ex-vessel revenues for the non-tribal and tribal groundfish sectors are estimated to be approximately \$70 million per year under NMFS’ preferred alternative, compared with approximately \$68 million under No Action; and the number of recreational bottom fish trips is estimated to be 646,000 under NMFS’ preferred alternative compared with 609,000 under No Action. However, there are differences in the distribution of ex-vessel revenue and angler trips on a regional basis and on a sector-by-sector basis. These changes are driven by changes in the forecast abundance for target species and overfished species. The significant changes to major commercial target species are associated with Pacific whiting, Dover sole, petrale sole and sablefish. Compared to the No-Action Alternative, Pacific whiting harvests are expected to increase by 50 percent and Dover sole by 25 percent, while sablefish harvests are expected to decrease by 10 percent and petrale sole harvests by 23 percent. With the exception of the Pacific whiting and nearshore open access sectors, all other non-tribal commercial fisheries sectors are expected to receive lower levels of

ex-vessel revenues than under No Action. The limited entry fixed gear sector shows the greatest projected decline (– 10 percent) in revenue as a result of the sablefish ACL decrease. The Pacific whiting fishery at-sea sector (including tribal) revenues are expected to increase by 51 percent and the shoreside whiting trawl (excluding tribal) revenues are expected to increase by 33 percent. Ex-vessel revenues in both the non-whiting trawl (excluding tribal) and the tribal shoreside fisheries (trawl and fixed, including whiting) are expected to decrease by about 2 percent.

A variety of time/area closures applicable to commercial vessels have been implemented in recent years. The most extensive of these are the Rockfish Conservation Areas (RCAs), which have been in place since 2002 to prohibit vessels from fishing in depths where overfished groundfish species are more abundant. Different RCA configurations apply to the limited entry trawl sector and the limited entry fixed gear and open access sectors. In addition, the depth ranges covered can vary by latitudinal zone and time period. The alternatives vary somewhat in terms of the extent of RCAs. In addition to the RCAs, two Cowcod Conservation Areas (CCAs) have been in place since 1999 in the Southern California Bight to reduce bycatch of the overfished cowcod stock, and yelloweye conservation areas have been established off the Washington Coast to reduce bycatch of the overfished yelloweye rockfish stock. The NMFS preferred alternative for the limited entry non-whiting trawl fleet generates slightly lower ex-vessel revenue on a coastwide basis when compared to revenues under the current regulations or No Action alternative. This difference is primarily driven by a decrease in the abundance of sablefish and petrale sole as opposed to changes in status of constraining species. Area-based management for the limited entry non-whiting trawl fleet under the NMFS preferred alternative will be comparable to what was in place in 2009 and 2010—the area north of Cape Alava, Washington and shoreward of the trawl RCA will remain closed in order to protect overfished rockfish species. Given the decreased amount of fishable area in northern Washington since 2009, fishery participants are expected to continue to experience higher costs due to increases in fuel required to travel to and fish at those deeper depths would remain.

The fixed gear sablefish sector will generate lower revenue under NMFS' preferred alternative than No Action because the sablefish ACL has decreased. However, the fixed gear fleet

will have somewhat more area available for fishing than under No Action, because fishing will be open at depths deeper than 100 fm (183 m) north of 40°10' north latitude, whereas under No Action, depths between 100 fm (183 m) and 125 fm (229 m) will only open on days when the Pacific halibut fishery is open. Fixed gear fisheries south of 36° N. latitude will see sablefish harvest close to status quo levels. There are no recommended changes to area management relative to status quo.

Under NMFS' preferred alternative, the nearshore groundfish fishery is expected to have a moderate increase in ex-vessel revenues compared with No Action due to increased targeting opportunities for black rockfish (between 42° N. latitude and 40°10' N. latitude) and cabezon south (South of 42° N. latitude). Fishing areas open to the nearshore fleets will be roughly the same as under No Action. Fishing opportunity and economic impacts to the nearshore groundfish sector are largely driven by the need to protect canary and especially yelloweye rockfish.

Excluding whiting, the NMFS preferred alternative is projected to decrease ex-vessel revenues by 3%, thereby providing the west coast economy with slightly lower ex-vessel revenues than was generated by the fishery under No Action. However, effects on buyers and processors along the coast will vary depending location. In addition, NMFS' preferred alternative attempts to take into account the desire expressed by buyers and processors to have a year-round groundfish fishery. Individual quota management for trawl fisheries should help accommodate this preference; however, in practice, in the absence of trip limits it is somewhat uncertain how trawl landings will be distributed in time and space.

In terms of recreational angler effort, the number of angler trips under NMFS' preferred alternative is slightly higher compared to No Action, but somewhat less than in 2009. However, an increase in angler effort under NMFS' preferred alternative occurs primarily in south and central California, while northern Washington shows a slight increase and Oregon shows no change compared with No Action. It is expected that under the proposed 2011–2012 management measures, tribal groundfish fisheries will generate less revenue and personal income than under No Action due to a reduction in sablefish harvest.

The 2011–2012 period will be the first groundfish management cycle in which the shoreside trawl sector fisheries will be conducted under the Amendment 20 trawl rationalization program, including

issuance and tracking of individual fishing quotas (IFQ) for most trawl-caught groundfish species. IFQ management is designed to provide opportunities for fisherman and processors to maximize the value of their fishery by creating incentives to make the optimum use of available target and bycatch species. Since all trawl trips will be observed, catch of constraining overfished species will be monitored in real time, and individuals will be held directly responsible for “covering” all catch of groundfish species with IFQ. Since using IFQ to constrain catch of overfished species represents a real cost in terms of money and/or fishing opportunity, NMFS expects that fishers will take special care to avoid unnecessary catch of these species.

At the same time there is uncertainty about how individuals will be able to manage the individual risk inherent in a system based on personal responsibility. This issue may present a considerable challenge, especially to small businesses that have access to only a single limited entry trawl permit. Exhausting all readily available supplies of IFQ for a particularly constraining species such as yelloweye may result in the business being effectively shut down for the remainder of the season. Partly for this reason it is expected that over time the number of vessels and permits engaging in the limited entry trawl fishery will decline as fishers strive to consolidate available IFQ onto a smaller number of vessels in order to reduce the costs of harvesting the quotas. A smaller number of active vessels will mean reductions in the number of crew hired and in expenditures made in local ports for materials, equipment, supplies and vessel maintenance. As such, while wages and profits for those crew and vessel owners that do remain in the fishery should increase, the amount and distribution of ex-vessel revenues and community income will change in ways that are not yet foreseeable, but probably to the detriment of some businesses and communities currently involved in the groundfish trawl fishery.

Due to these types of countervailing uncertainties, impacts on trawl fisheries under the 2011–2012 management measures used in this analysis were estimated using a model designed to project overfished species bycatch levels under a status quo cumulative trip limit management regime. Likewise, the model used to estimate community income impacts was calibrated based on recently estimated spending patterns for regional vessels and processors. While providing a useful starting point for comparing gross-level effects under the

alternatives, the true range of economic impacts achievable under the rationalized, IFQ-managed fishery may reflect a considerable departure from these estimates.

The above discussion indicates that there were uncertainties in the economic modeling because of the implementation of the IFQ program. In comparing 2011 to 2010 through June of each year: Effort in terms of number of trips has decreased by 50 percent; or in terms of vessels has decreased by 30 percent. Average catch per vessel has remained constant; however, average revenue per vessel has increased 27 percent. Total landings have decreased by 30 percent and total revenues have decreased by 10 percent. The fish are being processed by fewer buyers—the number of buyers has fallen from 41 to 25 while the number of ports where fish are processed has fallen from 18 to 15. Average ex-vessel price has increased from \$0.49/lb to \$0.62/lb. One of the major reasons for the increase in prices is related to sablefish. Trawl sablefish ex-vessel prices for January–June 2011 prices are up to an average of \$2.41/lb. versus \$1.83/lb. last year based on simple averages by port, for Jan–June. These estimates are preliminary and it is not clear if these trends will be maintained as the fishery moves into the summer and fall fisheries.

The IRFA analysis includes a discussion of small businesses. This rule will regulate businesses that harvest groundfish. According to the Small Business Administration, a small commercial harvesting business is one that has annual receipts under \$4 million, and a small charter boat business is one that has annual receipts under \$7 million. The IRFA estimates that implementation of NMFS preferred alternative will affect about 2,600 small entities. These small entities are those that are directly regulated by this proposed rule that is being promulgated to support implementation of NMFS' preferred alternative. These entities are associated with those vessels that either target groundfish or harvest groundfish as bycatch. Consequently, these are the vessels, other than catcher-processors, that participate in the limited entry portion of the fishery, the open access fishery, the charter boat fleet, and the tribal fleets. Catcher/processers also operate in the Alaska pollock fishery, and all are associated with larger companies such as Trident and American Seafoods. Therefore, it is assumed that all catcher/processers are "large" entities.

Best estimates of the limited entry groundfish fleet are taken from the NMFS Limited Entry Permits Office. As

of June 2010, there are 399 limited entry permits, including 177 endorsed for trawl (172 trawl only, 4 trawl and longline, and 1 trawl and trap-pot); 199 endorsed for longline (191 longline only, 4 longline and trap-pot, and 4 trawl and longline); and 32 endorsed for trap-pot (27 trap-pot only, 4 longline and trap-pot, and 1 trawl and trap-pot). Of the longline and trap-pot permits, 164 are sablefish endorsed. Of these endorsements 130 are "stacked" (e.g. more than one permit registered to a single vessel) on 50 vessels. Ten of the limited entry trawl endorsed permits are used or owned by catcher/processor companies associated with the whiting fishery. The remaining 389 entities are assumed to be small businesses based on a review of sector revenues and average revenues per entity. The open access or nearshore fleet, depending on the year and level of participation, is estimated to be about 1,300 to 1,600 vessels. Again, these are assumed to be "small entities." The tribal fleet includes about 53 vessels, and the charter boat fleet includes 525 vessels that are also assumed to be "small entities."

NMFS' preferred alternative represents efforts to address the directions provided by the Ninth Circuit Court of Appeals, which emphasizes the need to rebuild stocks in as short a time as possible, taking into account: (1) The status and biology of the stocks; (2) the needs of fishing communities; and (3) interactions of depleted stocks within the marine ecosystem. By taking into account the "needs of fishing communities," NMFS simultaneously takes into account the "needs of small businesses," as fishing communities rely on small businesses as a source of economic activity and income. The FEIS and RIR/IRFA include analysis of a range of alternatives that were considered by the Council, including analysis of the effects of setting allowable harvest levels necessary to rebuild the seven groundfish species that were previously declared overfished. An eighth species, petrale sole, was declared overfished in 2010 and this action includes a new rebuilding plan for this species along with the ACLs and management measures consistent with the adopted rebuilding plan. Associated rebuilding analyses for all eight species estimate the time to rebuild under various levels of harvest.

The Council initially considered a wider range of alternatives, but ultimately rejected from further analysis alternatives allowing harvest levels higher than what is generally consistent with current policies for rebuilding

overfished stocks and a "no fishing" scenario (F=0). Section 2.4 of the FEIS describes six integrated alternatives including No Action, the Council's FPA, the NMFS preferred alternative, and three other alternatives (including the Council's Preliminary Preferred Alternative, which is similar to the Council's FPA). NMFS finds that the F=0 and Alternatives 1A, 1B, and 2, while resulting in shorter rebuilding times for most of the overfished species, lead to projected major decreases in commercial revenues and recreational activity. Allowing too many communities to suffer commercial or recreational losses greater than 10 percent fails to take into account the needs of fishing communities. Alternative 3, the Council FPA, and NMFS' preferred alternative all reduce the impacts to communities to less than 10 percent, but they differ in their impacts on rebuilding times.

Alternative 3 reduces rebuilding times from status quo for many of the overfished species, but does not reduce the rebuilding time for yelloweye rockfish, and results in only minor reductions for cowcod and darkblotched and rockfish. The Council's FPA improves upon Alternative 3 by reducing the rebuilding time for darkblotched rockfish by two years while maintaining Alternative 3's small positive increases in commercial revenues and recreational activity. The NMFS preferred alternative improves over the Council FPA by further reducing the rebuilding times of cowcod and yelloweye by three years and ten years, respectively. Comparison of the action alternatives with the No Action alternative allows an evaluation of the economic implications to groundfish sectors, ports, and fishing communities; and the interaction of depleted species within the marine ecosystem of reducing ACLs for overfished species to rebuild stocks faster than they would under the rebuilding strategies that NMFS adopted and has modified consistent with new, scientific information on the status and biology of these stocks.

Alternative 2011–2012 groundfish management measures are designed to provide opportunities to harvest healthy target species within the constraints of alternative ACLs for overfished species. The integrated alternatives allow estimation of target species catch under the suite of ACLs for overfished species both to demonstrate if target species ACLs are projected to be exceeded, and to estimate related socioeconomic impacts.

The Council reviewed these analyses and read and heard testimony from

Council advisors, fishing industry representatives, representatives from non-governmental organizations, and the general public before deciding the Council's FPA in June 2010. The Council's final preferred management measures are intended to stay within all the final recommended harvest levels for groundfish species decided by the Council at their April and June 2010 meetings. NMFS reviewed these analyses, read and heard testimony from Council advisors, fishing industry representatives, representatives from non-governmental organizations, the general public, and considered legal obligations to comply with a court order (*NRDC v. Locke*) before deciding NMFS' preferred alternative in February 2011. The NMFS preferred management measures are intended to stay within all the final recommended harvest levels for groundfish species that were part of the NMFS preferred alternative.

NMFS issued Biological Opinions under the Endangered Species Act (ESA) on August 10, 1990, November 26, 1991, August 28, 1992, September 27, 1993, May 14, 1996, and December 15, 1999 pertaining to the effects of the Pacific Coast groundfish PCGFMP fisheries on Chinook salmon (Puget Sound, Snake River spring/summer, Snake River fall, upper Columbia River spring, lower Columbia River, upper Willamette River, Sacramento River winter, Central Valley spring, California coastal), coho salmon (Central California coastal, southern Oregon/northern California coastal), chum salmon (Hood Canal summer, Columbia River), sockeye salmon (Snake River, Ozette Lake), and steelhead (upper, middle and lower Columbia River, Snake River Basin, upper Willamette River, central California coast, California Central Valley, south/central California, northern California, southern California). These biological opinions have concluded that implementation of the PCGFMP for the Pacific Coast groundfish fishery is not expected to jeopardize the continued existence of any endangered or threatened species under the jurisdiction of NMFS, or result in the destruction or adverse modification of critical habitat.

NMFS reinitiated a formal section 7 consultation under the ESA in 2005 for both the Pacific whiting midwater trawl fishery and the groundfish bottom trawl fishery. The December 19, 1999, Biological Opinion had defined an 11,000 Chinook incidental take threshold for the Pacific whiting fishery. During the 2005 Pacific whiting season, the 11,000 fish Chinook incidental take threshold was exceeded, triggering reinitiation. Also in 2005, new data

from the West Coast Groundfish Observer Program became available, allowing NMFS to complete an analysis of salmon take in the bottom trawl fishery.

NMFS prepared a Supplemental Biological Opinion dated March 11, 2006, which addressed salmon take in both the Pacific whiting midwater trawl and groundfish bottom trawl fisheries. In its 2006 Supplemental Biological Opinion, NMFS concluded that catch rates of salmon in the 2005 whiting fishery were consistent with expectations considered during prior consultations. Chinook bycatch has averaged about 7,300 fish from 1991–2005, and has only occasionally exceeded the reinitiation trigger of 11,000 fish. From 2005–2010 the average Chinook bycatch was 4,130 fish, well below the average from 1991–2005. The Chinook ESUs most likely affected by the whiting fishery have generally improved in status since the 1999 section 7 consultation. Although these species remain at risk, as indicated by their ESA listing, NMFS concluded that the higher observed bycatch in 2005 does not require a reconsideration of its prior “no jeopardy” conclusion with respect to the fishery.

For the groundfish bottom trawl fishery, NMFS concluded that incidental take in the groundfish fisheries is within the overall limits articulated in the Incidental Take Statement of the 1999 Biological Opinion. The groundfish bottom trawl limit from that opinion was 9,000 fish annually. NMFS will continue to monitor and collect data to analyze take levels. NMFS also reaffirmed its prior determination that implementation of the Groundfish PCGFMP is not likely to jeopardize the continued existence of any of the affected ESUs.

Lower Columbia River coho (70 FR 37160, June 28, 2005) and Oregon Coastal coho (73 FR 7816, February 11, 2008) were recently relisted as threatened under the ESA. The 1999 biological opinion concluded that the bycatch of salmonids in the Pacific whiting fishery were almost entirely Chinook salmon, with little or no bycatch of coho, chum, sockeye, and steelhead.

The Southern Distinct Population Segment (DPS) of green sturgeon was listed as threatened under the ESA (71 FR 17757, April 7, 2006). The southern DPS of Pacific eulachon was listed as threatened on March 18, 2010, under the ESA (75 FR 13012). NMFS has reinitiated consultation on the fishery, including impacts on green sturgeon, eulachon, marine mammals, and turtles.

After reviewing the available information, NMFS has concluded that, consistent with sections 7(a)(2) and 7(d) of the ESA, this action would not jeopardize any listed species, would not adversely modify any designated critical habitat, and would not result in any irreversible or irretrievable commitment of resources that would have the effect of foreclosing the formulation or implementation of any reasonable and prudent alternative measures.

Pursuant to Executive Order 13175, this proposed rule was developed after meaningful consultation and collaboration with tribal officials from the area covered by the PCGFMP. Under the Magnuson-Stevens Act at 16 U.S.C. 1852(b)(5), one of the voting members of the Pacific Council must be a representative of an Indian tribe with federally recognized fishing rights from the area of the Council's jurisdiction. In addition, regulations implementing the PCGFMP establish a procedure by which the tribes with treaty fishing rights in the area covered by the PCGFMP request new allocations or regulations specific to the tribes, in writing, before the first of the two meetings at which the Council considers groundfish management measures. The regulations at 50 CFR 660.324(d) further state “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.”

#### List of Subjects in 50 CFR Part 660

Fisheries, Fishing, and Indian fisheries.

Dated: September 20, 2011.

**Samuel D. Rauch III,**

*Deputy Assistant Administrator for Regulatory Programs, National Marine Fisheries Service.*

For the reasons set out in the preamble, 50 CFR part 660 is proposed to be amended as follows:

#### PART 660—FISHERIES OFF WEST COAST STATES

1. The authority citation for part 660 continues to read as follows:

**Authority:** 16 U.S.C. 1801 *et seq.*, 16 U.S.C. 773 *et seq.*, and 16 U.S.C. 7001 *et seq.*

2. Revise § 660.40 to read as follows:

#### § 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 is 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 2027. 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. latitude to  $B_{MSY}$  is 2068. 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 2020. The harvest control rule to be used to rebuild the POP stock is an annual SPR harvest rate of 86.4 percent.

(f) *Petrable Sole*. Petrale sole was declared overfished in 2010. The target year for rebuilding the petrale sole stock to  $B_{MSY}$  is 2016. The harvest control rule is the 25–5 default adjustment, which corresponds to an annual SPR harvest rate of 32.4 percent in 2012.

(g) *Widow rockfish*. Widow rockfish was declared overfished in 2001. The target year for rebuilding the widow rockfish stock to  $B_{MSY}$  is 2010. The harvest control rule is a constant catch

of 600 mt, which corresponds to an annual SPR harvest rate of 91.3 percent in 2012.

(h) *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.

3. Revise § 660.50(f)(3) to read as follows:

\* \* \* \* \*

(f) \* \* \*

(1) \* \* \*

(2) \* \* \*

(3) Lingcod taken in the treaty fisheries are subject to an overall expected total lingcod catch of 250 mt, which is attributable to the stock north of 42° N. latitude.

4. Tables 2a, 2b, and 2d to Part 660, Subpart C are amended to read as follows:

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Table 2a. To Part 660, Subpart C - 2012, and beyond, Specifications of OFL, ABC, ACL, ACT and Fishery Harvest guidelines (weights in metric tons).

Species	Area	OFL	ABC	ACL a/	ACT	Fishery HG
ROUND FISH:						
Lingcod	N of 42° N. lat. b/	2,251	2,151	2,151		1,880
	S of 42° N. lat. c/	2,597	2,164	2,164		2,157
Pacific Cod d/	Coastwide	3,200	2,222	1,600		1,200
Pacific Whiting e/	Coastwide	e/	e/	e/		e/
Sablefish	N of 36° N. lat. f/	8,623	8,242	5,347	See Table 2c	
	S of 36° N. lat. g/			1,258		1,224
Cabezon	46°16' to 42° N. lat. h/	50	48	48		48
	S of 42° N. lat. i/	176	168	168		168
FLATFISH:						
Dover sole j/	Coastwide	44,826	42,843	25,000		23,410
English sole k/	Coastwide	10,620	10,150	10,150		10,050
Petrale sole l/	Coastwide	1,279	1,222	1,160		1094.6
Arrowtooth flounder m/	Coastwide	14,460	12,049	12,049		9,971
Starry Flounder n/	Coastwide	1,813	1,511	1,360		1,353
Other flatfish o/	Coastwide	10,146	7,044	4,884		4,686
ROCKFISH:						
Pacific Ocean Perch p/	N of 40°10' N. lat.	1,007	962	183	157	144.1
Shortbelly q/	Coastwide	6,950	5,789	50		49
Widow r/	Coastwide	4,923	4,705	600		539.1
Canary s/	Coastwide	622	594	107		87
Chilipepper t/	S of 40°10' N. lat.	1,872	1,789	1,789		1,774
Bocaccio u/	S of 40°10' N. lat.	732	700	274		260.6
Splitnose v/	S of 40°10' N. lat.	1,610	1,538	1,538		1,531
Yellowtail w/	N of 40°10' N. lat.	4,573	4,371	4,371		3,872
Shortspine thornyhead x/	N of 34°27' N. lat.	2,358	2,254	1,556		1,511
	S of 34°27' N. lat.			401		359
Longspine thornyhead y/	N of 34°27' N. lat.	3,483	2,902	2,064		2,020
	S of 34°27' N. lat.			366		363
Cowcod z/	S of 40°10' N. lat.	13	10	3		2.7
Darkblotched aa/	Coastwide	497	475	296		277.3
Yelloweye bb/	Coastwide	48	46	17		11.1
California Scorpionfish cc/	S. of 34°27' N. lat.	132	126	126		124
Black	N of 46°16' N. lat. dd/	435	415	415		401
	S of 46°16' N. lat. ee/	1,169	1,117	1,000		1,000
Minor Rockfish North ff/	Coastwide	3,820	3,414	2,227		2,116
Nearshore	N of 40°10' N. lat.	116	99	99		99
Shelf		2,197	1,948	968		925
Slope		1,507	1,367	1,160		1,092
Minor Rockfish South gg/	Coastwide	4,291	3,712	2,341		2,290
Nearshore	S of 40°10' N. lat.	1,145	990	990		990
Shelf		2,243	1,890	714		701
Slope		903	832	626		599
SHARKS/SKATES/RATFISH/MORID						
Longnose Skate hh/	Coastwide	3,006	2,873	1,349		1,220
Other fish ii/	Coastwide	11,150	7,742	5,575		5,575



a/ ACLs and HGs are specified as total catch values. Fishery harvest guideline (HG) means the harvest guideline or quota after subtracting from the ACL of ACT any allocation for the Pacific Coast treaty Indian tribes, projected research catch, deductions for fishing mortality in non-groundfish fisheries, as necessary, and set-asides for EFPs.

b/ Lingcod north (Oregon and Washington). A new lingcod stock assessment was prepared in 2009. The lingcod north biomass was estimated to be at 62 percent of its unfished biomass in 2009. The OFL of 2,251 mt was calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 2,151 mt was based on a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. Because the stock is above  $B_{40\%}$  coastwide, the ACL is set equal to the ABC. ACL is further reduced for the Tribal fishery (250 mt), incidental open access fishery (16 mt) and research catch (5 mt), resulting in a fishery HG of 1,880 mt.

c/ Lingcod south (California). A new lingcod stock assessment was prepared in 2009. The lingcod south biomass was estimated to be at 74 percent of its unfished biomass in 2009. The OFL of 2,597 mt was calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 2,164 mt was based on a 17 percent reduction from the OFL ( $\sigma=0.72/P^*=0.40$ ) as it's a category 2 species. Because the stock is above  $B_{40\%}$  coastwide, the ACL is set equal to the ABC. An incidental open access set-aside of 7 mt is deducted from the ACL, resulting in a fishery HG of 2,157 mt.

d/ Pacific Cod. The 3,200 mt OFL is based on the maximum level of historic landings. The ABC of 2,222 mt is a 31 percent reduction from the OFL ( $\sigma=1.44/P^*=0.40$ ) as it's a category 3 species. The 1,600 mt ACL is the OFL reduced by 50 percent as a precautionary adjustment. A set-aside of 400 mt is deducted from the ACL for the Tribal fishery, resulting in a fishery HG of 1,200 mt.

e/ Pacific whiting. A range of ACLs were considered in the EIS (96,968 mt-290,903 mt). A new stock assessment will be prepared prior to final adoption of the Pacific whiting specifications.

f/ Sablefish north. A coastwide sablefish stock assessment was prepared in 2007. The coastwide sablefish biomass was estimated to be at 38.3 percent of its unfished biomass in 2007. The coastwide OFL of 8,623 mt was based on the 2007 stock assessment with a  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 8,242 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. The 40-10 harvest policy was applied to the ABC to derive the coastwide ACL and then the ACL was apportioned north and south of 36° N. lat, using the average of annual swept area biomass (2003-2008) from the NMFS NWFSC trawl survey, between the northern and southern areas with 68 percent going to the area north of 36° N. lat. and 32 percent going to the area south of 36° N. lat. The northern portion of the ACL is 5,347 mt and is reduced by 535 mt for the tribal allocation (10 percent of the ACL north of 36° N. lat.) The 535 mt tribal allocation is reduced by 1.5 percent to account for discard mortality. Detailed sablefish allocations are shown in Table 2c.

g/ Sablefish South. That portion of the coastwide ACL (32 percent) apportioned to the area south of 36° N. lat. is 2,516 mt. An additional 50 percent reduction for uncertainty was made, resulting in an ACL of 1,258 mt.

A set-aside of 34 mt is deducted from the ACL for EFP catch (26 mt), the incidental open access fishery (6 mt) and research catch (2 mt), resulting in a fishery HG of 1,224 mt.

h/ Cabezon (Oregon). A new cabezon stock assessment was prepared in 2009. The cabezon biomass in Oregon was estimated to be at 51 percent of its unfished biomass in 2009. The OFL of 50 mt was calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 48 mt was based on a 4 percent reduction from the OFL

( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. Because the stock is above  $B_{40\%}$  coastwide, the ACL is set equal to the ABC. No set-asides were removed so the fishery HG is also equal to the ACL at 48 mt. Cabezon in waters off Oregon were removed from the "other fish" complex, while cabezon of Washington will continue to be managed within the "other fish" complex.

i/ Cabezon (California) - A new cabezon stock assessment was prepared in 2009. The cabezon south biomass was estimated to be at 48 percent of its unfished biomass in 2009. The OFL of 176 mt was calculated using an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 168 mt was based on a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. Because the stock is above  $B_{40\%}$  coastwide, the ACL is set equal to the ABC. No set-asides were removed so the fishery HG is also equal to the ACL at 168 mt.

j/ Dover sole. A 2005 Dover sole assessment estimated the stock to be at 63 percent of its unfished biomass in 2005. The OFL of 44,826 mt is based on the results of the 2005 stock assessment with an  $F_{MSY}$  proxy of  $F_{30\%}$ . The ABC of 42,843 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. Because the stock is above  $B_{25\%}$  coastwide, the ACL could be set equal to the ABC. However, the ACL of 25,000 mt is set at a level below the ABC and higher than the maximum historical landed catch. A set-aside of 1,590 mt is deducted from the ACL for the Tribal fishery (1,497 mt), the incidental open access fishery (55 mt) and research catch (38 mt), resulting in a fishery HG of 23,410 mt.

k/ English sole. A stock assessment update was prepared in 2007 based on the full assessment in 2005. The stock was estimated to be at 116 percent of its unfished biomass in 2007. The OFL of 10,620 mt is based on the results of the 2007 assessment update with an  $F_{MSY}$  proxy of  $F_{30\%}$ . The ABC of 10,150 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. Because the stock is above  $B_{25\%}$ , the ACL was set equal to the ABC. A set-aside of 100 mt is deducted from the ACL for the Tribal fishery (91 mt), the incidental open access fishery (4 mt) and research catch (5 mt), resulting in a fishery HG of 10,050 mt.

l/ Petrale sole. A petrale sole stock assessment was prepared for 2009. In 2009 the petrale sole stock was estimated to be at 12 percent of its unfished biomass coastwide, resulting in the stock being declared as overfished. The OFL of 1,279 mt is based on the 2009 assessment with a  $F_{30\%}$   $F_{MSY}$  proxy. The ABC of 1,222 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. The 1,160 mt ACL is represents an SPR harvest rate of 32.4 percent. A set-aside of 65 mt is deducted from the ACL for the Tribal fishery (45.4 mt), the incidental open access fishery (1 mt), EFP catch (2 mt) and research catch (17 mt), resulting in a fishery HG of 1,094.6 mt.

m/ Arrowtooth flounder. The stock was last assessed in 2007 and was estimated to be at 79 percent of its unfished biomass in 2007. The OFL of 14,460 mt is based on the 2007 assessment with a  $F_{30\%}$   $F_{MSY}$  proxy. The ABC of 12,049 mt is a 17 percent reduction from the OFL ( $\sigma=0.72/P^*=0.40$ ) as it's a category 2

species. Because the stock is above  $B_{25\%}$ , the ACL is set equal to the ABC. A set-aside of 2,078 mt is deducted from the ACL for the Tribal fishery (2,041 mt), the incidental open access fishery (30 mt), and research catch (7 mt), resulting in a fishery HG of 9,971 mt.

n/ Starry Flounder. The stock was assessed for the first time in 2005 and was estimated to be above 40 percent of its unfished biomass in 2005. For 2012, the coastwide OFL of 1,813 mt is based on the 2005 assessment with a  $F_{MSY}$  proxy of  $F_{30\%}$ . The ABC of 1,511 mt is a 17 percent reduction from the OFL

( $\sigma=0.72/P^*=0.40$ ) as it's a category 2 species. Because the stock is above  $B_{25\%}$ , the ACL could have been set equal to the ABC. As a precautionary measure, the ACL of 1,360 mt, is a 25 percent reduction from the OFL, which is a 10 percent reduction from the ABC. A set-aside of 7 mt is deducted from the ACL for the Tribal fishery (2 mt) and the incidental open access fishery (5 mt), resulting in a fishery HG of 1,353 mt.

o/ "Other flatfish" are the unassessed flatfish species that do not have individual OFLs/ABC/ACLs and include butter sole, curlfin sole, flathead sole, Pacific sand dab, rex sole, rock sole, and sand sole. The other flatfish OFL of 10,146 mt is based on the summed contribution of the OFLs determined for the component stocks. The ABC of 7,044 mt is a 31 percent reduction from the OFL ( $\sigma=1.44/P^*=0.40$ ) as all species in this complex are category 3 species. The ACL of 4,884 mt is equivalent to the 2010 OY, because there have been no significant changes in the status or management of stocks within the complex. A set-aside of 198 mt is deducted from the ACL for the Tribal fishery (60 mt), the incidental open access fishery (125 mt), and research catch (13 mt), resulting in a fishery HG of 4,686 mt.

p/ POP. A POP stock assessment update was prepared in 2009, based on the 2003 full assessment, and the stock was estimated to be at 29 percent of its unfished biomass in 2009. The OFL of 1,007 mt for the Vancouver and Columbia areas is based on the 2009 stock assessment update with an  $F_{50\% F_{MSY}}$  proxy. The ABC of 962 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. The ACL of 183 mt is based on a rebuilding plan with a target year to rebuild of 2020 and an SPR harvest rate of 86.4 percent. An ACT of 157 mt is being established to address management uncertainty and increase the likelihood that total catch remains within the ACL. A set-aside of 12.9 mt is deducted from the ACT for the Tribal fishery (10.9 mt), the incidental open access fishery (0.1 mt), EFP catch (0.1 mt) and research catch (1.8 mt), resulting in a fishery HG of 144.1 mt.

q/ Shortbelly rockfish. A non quantitative assessment was conducted in 2007. The spawning stock biomass of shortbelly rockfish was estimated at 67 percent of its unfished biomass in 2005. The OFL of 6,950 mt was recommended for the stock in 2012 with an ABC of 5,789 mt ( $\sigma=0.72$  with a  $P^*$  of 0.40). The 50 mt ACL is slightly higher than recent landings, but much lower than previous OYs in recognition of the stock's importance as a forage species in the California Current ecosystem. A set-aside of 1 mt is deducted from the ACL for research catch, resulting in a fishery HG of 49 mt.

r/ Widow rockfish. The stock was assessed in 2009 and was estimated to be at 39 percent of its unfished biomass in 2009. The OFL of 4,923 mt is based on the 2009 stock assessment with an  $F_{50\% F_{MSY}}$  proxy. The ABC of 4,705 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. A constant catch of 600 mt, which corresponds to an SPR harvest rate of 91.3 percent in 2012, will be used to rebuild consistent with the rebuilding plan and a target year to rebuild of 2010. A set-aside of 60.9 mt is deducted from

the ACL for the Tribal fishery (45 mt), the incidental open access fishery (3.3 mt), EFP catch (11 mt) and research catch (1.6 mt), resulting in a fishery HG of 539.1 mt.

s/ Canary rockfish. A canary rockfish stock assessment update was completed in 2009, based on the full assessment in 2007, and the stock was estimated to be at 23.7 percent of its unfished biomass coastwide in 2009. The coastwide OFL of 622 mt is based on the new assessment with a  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 594 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P*=0.45$ ) as it's a category 1 species. The ACL of 107 mt is based on a rebuilding plan with a target year to rebuild of 2027 and a SPR harvest rate of 88.7 percent. A set-aside of 20 mt is deducted from the ACL for the Tribal fishery (9.5 mt), the incidental open access fishery (2 mt), EFP catch (1.3 mt) and research catch (7.2 mt), resulting in a fishery HG of 87 mt. Recreational HGs are being specified as follows: Washington recreational, 2 mt; Oregon recreational 7 mt; and California recreational 14.5 mt.

t/ Chilipepper rockfish. The coastwide chilipepper stock was assessed in 2007 and estimated to be at 71 percent of its unfished biomass coastwide in 2006. Given that chilipepper rockfish are predominantly a southern species, the stock is managed with stock-specific harvest specifications south of 40°10 N. lat. and within minor shelf rockfish north of 40°10 N. lat. South of 40°10 N. lat., the OFL of 1,872 mt is based on the 2007 assessment with an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 1,789 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P*=0.45$ ) as it's a category 1 species. Because the biomass is estimated to be above 40 percent of the unfished biomass, the ACL was set equal to the ABC. The ACL is reduced by the incidental open access fishery (5 mt), and research catch (9 mt), resulting in a fishery HG of 1,774 mt.

u/ Bocaccio. A bocaccio stock assessment was prepared in 2009 from Cape Mendocino to Cape Blanco (43° N. lat.). Bocaccio rockfish are managed with stock-specific harvest specifications south of 40°10 N. lat. and within minor shelf rockfish north of 40°10 N. lat. The bocaccio stock was estimated to be at 28 percent of its unfished biomass in 2009. The OFL of 732 mt is based on the new stock assessment with an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 700 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P*=0.45$ ) as it's a category 1 species. The 274 mt ACL is based on a rebuilding plan with a target year to rebuild of 2022 and a SPR harvest rate of 77.7 percent. A set-aside of 13.4 mt is deducted from the ACL for the incidental open access fishery (0.7 mt), EFP catch (11 mt) and research catch (1.7 mt), resulting in a fishery HG of 260.6 mt.

v/ Splitnose rockfish. A new coastwide assessment was prepared in 2009 that estimated the stock to be at 66 percent of its unfished biomass in 2009. Splitnose in the north is managed under the minor slope rockfish complex and in the south (south of 40°10' N. lat.), with species-specific harvest specifications. The 1,610 mt OFL south of 40°10 N. lat. is based on the 2009 assessment with an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 1,538 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P*=0.45$ ) as it's a category 1 species. Because the unfished biomass is estimated to be above 40 percent of the unfished biomass, the ACL is set equal to the ABC. A set-aside of 7 mt is deducted from the ACL for research catch, resulting in a fishery HG of 1,531 mt.

w/ Yellowtail rockfish. A yellowtail rockfish stock assessment was last prepared in 2005 for the Vancouver, Columbia, Eureka areas. Yellowtail rockfish was estimated to be at 55 percent of its unfished biomass in 2005. The OFL of 4,573 mt is based on the 2005 stock assessment with the  $F_{MSY}$  proxy

of  $F_{50\%}$ . The ABC of 4,371 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. The ACL was set equal to the ABC, because the stock is above  $B_{40\%}$ . A set-aside of 499 mt is deducted from the ACL for the Tribal fishery (490 mt), the incidental open access fishery (3 mt), EFP catch (2 mt) and research catch (4 mt), resulting in a fishery HG of 3,872 mt.

x/ Shortspine thornyhead. A coastwide stock assessment was conducted in 2005 and the stock was estimated to be at 63 percent of its unfished biomass in 2005. A coastwide OFL of 2,358 mt is based on the 2005 stock assessment with a  $F_{50\%}$   $F_{MSY}$  proxy. The coastwide ABC of 2,254 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. For the portion of the stock that is north of 34°27' N. lat., the ACL is 1,556 mt, 66 percent of the coastwide OFL. A set-aside of 45 mt is deducted from the ACL for the Tribal fishery (38 mt), the incidental open access fishery (2 mt), and research catch (5 mt), resulting in a fishery HG of 1,511 mt for the area north of 34°27' N. lat. For that portion of the stock south of north of 34°27' N. lat. the ACL is 401 mt which is 34 percent of the coastwide OFL for the portion of the biomass found south of 34°27' N. lat reduced by 50 percent as a precautionary adjustment. A set-aside of 42 mt is deducted from the ACL for the incidental open access fishery (41 mt), and research catch (1 mt), resulting in a fishery HG of 359 mt for the area south of 34°27' N. lat. The sum of the northern and southern area ACLs (1,957 mt) is a 13 percent reduction from the coastwide ABC.

y/ Longspine thornyhead. A coastwide stock assessment was conducted in 2005 and the stock was estimated to be at 71 percent of its unfished biomass in 2005. A coastwide OFL of 3,483 mt is based on the 2005 stock assessment with a  $F_{50\%}$   $F_{MSY}$  proxy. The ABC of 2,902 mt is a 17 percent reduction from the OFL ( $\sigma=0.72/P^*=0.40$ ) as it's a category 2 species. For the portion of the stock that is north of 34°27' N. lat., the ACL is 2,064 mt, and is 79 percent of the coastwide OFL for the biomass in that area. A set-aside of 44 mt is deducted from the ACL for the Tribal fishery (30 mt), the incidental open access fishery (1 mt), and research catch (13 mt), resulting in a fishery HG of 2,020 mt. For that portion of the stock south of 34°27' N. lat. the ACL is 366 mt and is 21 percent of the coastwide OFL reduced by 50 percent as a precautionary adjustment. A set-aside of 3 mt is deducted from the ACL for the incidental open access fishery (2 mt), and research catch (1 mt), resulting in a fishery HG of 363 mt. The sum of the northern and southern area ACLs (2,430 mt) is a 16 percent reduction from the coastwide ABC.

z/ Cowcod. A stock assessment update was prepared in 2009 and the stock was estimated to be 5 percent bounded between 4 and 21 percent of its unfished biomass in 2009. The OFLs for the Monterey and Conception areas were summed to derive the south of 40°10' N. lat. OFL of 13 mt. The ABC for the area south of 40°10' N. lat. is 10 mt. The assessed portion of the stock in the Conception Area was considered category 2, with a Conception Area contribution to the ABC of 5 mt, which is a 17 percent reduction from the OFL ( $\sigma=0.72/P^*=0.35$ ). The unassessed portion of the stock in the Monterey area was considered a category 3 stock, with a contribution to the ABC of 5 mt, which is a 29 percent reduction from the OFL ( $\sigma=1.44/P^*=0.40$ ). A single ACL of 3 mt is being set for both areas combined. The ACL of 3 mt is based on a rebuilding plan with a target year to rebuild of 2068 and an SPR rate of 82.7 percent. The amount anticipated to be taken during research activity is 0.1 mt and the amount expected to be taken during EFP activity is 0.2 mt, which results in a fishery HG of 2.7 mt.

aa/ Darkblotched rockfish. A stock assessment update was prepared in 2009, based on the 2007 full assessment, and the stock was estimated to be at 27.5 percent of its unfished biomass in 2009. The OFL is projected to be 497 mt and is based on the 2009 stock assessment with an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 475 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. The ACL of 296 mt is based on a rebuilding plan with a target year to rebuild of 2025 and an SPR harvest rate of 64.9 percent. A set-aside of 18.7 mt is deducted from the ACL for the Tribal fishery (0.1 mt), the incidental open access fishery (15 mt), EFP catch (1.5) and research catch (2.1 mt), resulting in a fishery HG of 277.3 mt.

bb/ Yelloweye rockfish. The stock was assessed in 2009 and was estimated to be at 20.3 percent of its unfished biomass in 2009. The 48 mt coastwide OFL was derived from the base model in the new stock assessment with an  $F_{MSY}$  proxy of  $F_{50\%}$ . The ABC of 46 mt is a 4 percent reduction from the OFL

( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. The 17 mt ACL is based on a rebuilding plan with a target year to rebuild of 2074 and an SPR harvest rate of 76 percent. A set-aside of 5.9 mt is deducted from the ACL for the Tribal fishery (2.3 mt), the incidental open access fishery (0.2 mt), EFP catch (0.1 mt) and research catch (3.3 mt) resulting in a fishery HG of 11.1 mt. Recreational HGs are being established as follows: Washington recreational, 2.6; Oregon recreational 2.4 mt; and California recreational 3.1 mt.

cc/ California Scorpionfish south was assessed in 2005 and was estimated to be at 80 percent of its unfished biomass in 2005. The OFL of 132 mt is based on the new assessment with a harvest rate proxy of  $F_{50\%}$ . The ABC of 126 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. Because the stock is above  $B_{40\%}$ , the ACL is set equal to the ABC. A set-aside of 2 mt is deducted from the ACL for the incidental open access fishery, resulting in a fishery HG of 124 mt.

dd/ Black rockfish north (Washington). A stock assessment was prepared in 2007 for black rockfish north of 45°56' N. lat. (Cape Falcon, Oregon). The biomass in this area was estimated to be at 53 percent of its unfished biomass in 2007. The OFL from the assessed area is based on the 2007 assessment with a harvest rate proxy of  $F_{50\%}$ . The resulting OFL for the area north of 46°16' N. lat. (the Washington/Oregon border) is 435 mt, which is 97 percent of the OFL from the assessed area. The ABC of 415 mt for the area north of 46°16' N. lat. is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. The ACL was set equal to the ABC, since the stock is above  $B_{40\%}$ . A set-aside of 14 mt for the Tribal fishery results in a fishery HG of 401 mt.

ee/ Black rockfish south (Oregon and California). A 2007 stock assessment was prepared for black rockfish south of 45°56' N. lat. (Cape Falcon, Oregon) to the southern limit of the stock's distribution in Central California. 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 based on the 2007 assessment with a harvest rate proxy of  $F_{50\%}$ . Three percent of the OFL from the stock assessment prepared for black rockfish north of 45°56' N. lat. is added to the OFL from the assessed area south of 45°56'. The resulting OFL for the area south of 46°16' N. lat. is 1,169 mt. The ABC of 1,117 mt for the south is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. The ACL was set at 1,000 mt, which is a constant catch strategy designed to keep the stock biomass above  $B_{40\%}$ . The black rockfish ACL in the area south of 46°16' N. lat., is subdivided with separate HGs being

set for the area north of 42° N. lat. (580 mt/58 percent) and for the area south of 42° N. lat. (420 mt/42 percent).

ff/ Minor rockfish north is comprised of three minor rockfish sub-complexes: nearshore, shelf, and slope. The OFL of 3,820 mt is the sum of OFLs for nearshore (116 mt), shelf (2,197 mt) and slope (1,507 mt) north sub-complexes. Each sub-complex OFL is the sum of the OFLs of the component species within the complex. The ABCs for the minor rockfish complexes and sub-complexes are based on a sigma value of 0.36 for category 1 stocks (splitnose and chilipepper rockfish), 0.72 for category 2 stocks (greenstriped rockfish and blue rockfish in California) and 1.44 for category 3 stocks (all others) with a P\* of 0.45. The resulting minor rockfish north ABC, which is the summed contribution of the ABCs for the contributing species in each sub-complex (nearshore, shelf, and slope) is 3,414 mt. The ACL of 2,227 mt for the complex is the sum of the sub-complex ACLs. The sub-complex ACLs are the sum of the component stock ACLs, which are less than or equal to the ABC contribution of each component stock. There are no set-asides for the nearshore sub-complex, thus the fishery HG is equal to the ACL, which is 99 mt. The set-aside for the shelf sub-complex is 43 mt - Tribal fishery (9 mt), the incidental open access fishery (26 mt), EFP catch (4 mt) and research catch (4 mt), resulting in a shelf fishery HG of 925 mt. The set-aside for the slope sub-complex is 68 mt - Tribal fishery (36 mt), the incidental open access fishery (19 mt), EFP catch (2) and research catch (11 mt), resulting in a slope fishery HG of 1,092 mt.

gg/ Minor rockfish south is comprised of three minor rockfish sub-complexes: nearshore, shelf, and slope. The OFL of 4,291 mt is the sum of OFLs for nearshore (1,145 mt), shelf (2,243 mt) and slope (903 mt) south sub-complexes. Each sub-complex OFL is the sum of the OFLs of the component species within the complex. The ABCs for the minor rockfish complexes and sub-complexes are based on a sigma value of 0.36 for category 1 stocks (gopher rockfish north of Point Conception, blackgill), 0.72 for category 2 stocks (blue rockfish in the assessed area, greenstriped rockfish, and bank rockfish) and 1.44 for category 3 stocks (all others) with a P\* of 0.45. The resulting minor rockfish south ABC, which is the summed contribution of the ABCs for the contributing species in each sub-complex, is 3,712 mt. The ACL of 2,341 mt for the complex is the sum of the sub-complex ACLs. The sub-complex ACLs are the sum of the component stock ACLs, which are less than or equal to the ABC contribution of each component stock. There are no set-asides for the nearshore sub-complex, thus the fishery HG is equal to the ACL, which is 990 mt. The set-asides for the shelf sub-complex is 13 mt for the incidental open access fishery (9 mt), EFP catch (2 mt) and research catch (2 mt), resulting in a shelf fishery HG of 701 mt. The set-asides for the slope sub-complex is 27 mt for the incidental open access fishery (17 mt), EFP catch (2 mt) and research catch (8 mt), resulting in a slope fishery HG of 599 mt.

hh/ Longnose skate. A stock assessment update was prepared in 2007 and the stock was estimated to be at 66 percent of its unfished biomass. The OFL of 3,006 mt is based on the 2007 stock assessment with an  $F_{MSY}$  proxy of  $F_{45\%}$ . The ABC of 2,873 mt is a 4 percent reduction from the OFL ( $\sigma=0.36/P*=0.45$ ) as it's a category 1 species. The ACL of 1,349 is the 2010 OY and represents a 50 percent increase in the average 2004-2006 catch mortality (landings and discard mortality). The set-asides for longnose skate is 129 mt for the tribal fishery (56 mt), incidental open access fishery (65 mt), and research catch (8 mt), resulting in a fishery HG of 1,220 mt.

ii/ "Other fish" contains all unassessed groundfish FMP species that are neither rockfish (family Scorpaenidae) nor flatfish. These species include big skate, California skate, leopard shark, soupfin shark, spiny dogfish, finescale codling, Pacific rattail, ratfish, cabezon off Washington, and kelp greenling. The OFL of 11,150 mt is the 2010 MSY harvest level minus the 50 mt contribution made for cabezon off Oregon, which is a newly assessed stock to be managed with stock-specific specifications. The ABC of 7,742 mt is a 31 percent reduction from the OFL ( $\sigma=1.44/P^*=0.40$ ) as all of the stocks in the "other fish" complex are category 3 species. The ACL of 5,575 mt is equal to the 2010 OY, minus half of the OFL contribution for Cabezon off of Oregon (25 mt). The fishery HG is equal to the ACL.



Table 2b. To Part 660, Subpart C - 2012, and beyond, Allocations by Species or Species Group. (Weights in Metric Tons)

Species	Fishery HG	Allocations			
		Trawl		Non-trawl	
		%	Mt	%	Mt
Lingcod					
N of 42° N. lat.	1,880	45%	846	55%	1,034
S of 42° N. lat.	2,157	45%	971	55%	1,186
Pacific cod	1,200	95%	1,140	5%	60
Pacific whiting	See Table 2a	100%	See Table 2a	0%	0
Sablefish					
N of 36° N. lat.	See Table 2c of this subpart				
S of 36° N. lat.	1,224	42%	514	58%	710
<b>FLATFISH:</b>					
Dover sole	23,410	95%	22,240	5%	1,170
English sole	10,050	95%	9,548	5%	503
Petrale sole a/	1,094.6		1,060		35
Arrowtooth flounder	9,971	95%	9,472	5%	499
Starry Flounder	1,353	50%	677	50%	677
Other flatfish	4,686	90%	4,217	10%	469
<b>ROCKFISH:</b>					
Pacific Ocean Perch	144.1	95%	137	5%	7
Widow e/	539.1	91%	491	9%	49
Canary a/ c/	87		34.8		29.8
Chilipepper - S of 40°10 N. Lat.	1,774	75%	1,331	25%	443
Bocaccio - S of 40°10 N. Lat. a/	260.6		60		189.6
Splitnose - S of 40°10 N. Lat.	1,531	95%	1,454	5%	77
Yellowtail - N of 40°10 N. Lat.	3,872	88%	3,407	12%	465
Shortspine thornyhead					
N of 34°27' N. lat.	1,511	95%	1,435	5%	76
S of 34°27' N. lat.	359		50		309
Longspine thornyhead					
N of 34°27' N. lat.	2,020	95%	1,919	5%	101
Cowcod - S of 40°10 N. Lat. a/	2.7		1.8		0.9
Darkblotched d/	277.3	95%	263	5%	14
Yelloweye a/	11.1		0.6		10.5
Minor Rockfish North					
Shelf a/	925	60.20%	557	39.80%	368
Slope	1,092	81%	885	19%	207
Minor Rockfish South					
Shelf a/	701	12.2%	86	87.8%	615
Slope	599	63%	377	37%	222
<b>SHARKS/SKATES/RATFISH/MORIDS/GRENADIERS/KELP GREENLING:</b>					
Longnose Skate a/	1,220	95%	1,159	5%	61

a/ Allocations were decided through the biennial specification process.

b/ The POP trawl allocation is further divided with 12.6 mt for the shorebased IFQ fishery, 7.2 mt for the mothership fishery, and 10.2 mt for the catcher/processor fishery.

c/ The canary rockfish trawl allocation is further divided with 6.2 mt for the shorebased IFQ fishery, 3.6 mt for the mothership fishery, and 5.0 mt for the catcher/processor fishery.

d/ The darkblotched rockfish trawl allocation is further divided with 10.5 mt for the shorebased IFQ fishery, 6.0 mt for the mothership fishery, and 8.5 mt for the catcher/processor fishery.

e/ The widow rockfish trawl allocation is further divided with 107.1mt for the shorebased IFQ fishery, 61.2 mt for the mothership fishery, and 86.7 mt for the catcher/processor fishery.

\* \* \* \* \*

Table 2d. To Part 660, Subpart C – At-Sea Whiting Fishery Annual Set-Asides, 2012 and beyond.

Species or Species Complex	Set-aside (mt)
Lingcod N of 42°	6
Lingcod S of 42°	NA
Pacific Cod	5
Pacific Whiting	Allocation <sup>a/</sup>
Sablefish N. of 36°	50
Sablefish S. of 36°	NA
PACIFIC OCEAN PERCH	Allocation <sup>a/</sup>
WIDOW ROCKFISH	Allocation <sup>a/</sup>
Chilipepper S. of 40°10'	NA
Splitnose S. of 40°10'	NA
Yellowtail N. of 40°10'	300

Shortspine Thornyhead N. of 34°27'	20
Shortspine Thornyhead S. of 34°27'	NA
Longspine Thornyhead N. of 34°27'	5
Longspine Thornyhead S. of 34°27'	NA
DARKBLOTCHED	Allocation <sup>a/</sup>
Minor Slope RF N.	55
Minor Slope RF S.	NA
Dover Sole	5
English Sole	5
Petrable Sole - coastwide	5
Arrowtooth Flounder	10
Starry Flounder	5
Other Flatfish	20
CANARY ROCKFISH	Allocation <sup>a/</sup>
BOCACCIO	NA

COWCOD	NA
YELLOWEYE	0
Black Rockfish	NA
Blue Rockfish (CA)	NA
Minor Nearshore RF N.	NA
Minor Nearshore RF S.	NA
Minor Shelf RF N.	35
Minor Shelf RF S.	NA
California scorpionfish	NA
Cabazon (off CA only)	NA
Other Fish	520
Longnose Skate	5
Pacific Halibut	10 <sup>b/</sup>

a/ See Table 2.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 be approximately 5 mt each).

#### BILLING CODE 5001-06-C

5. In § 660.140 revise paragraph (c)(1), (c)(2), (d)(1)(ii)(D), (d)(4)(i)(C), and (e)(4)(i) to read as follows:

#### § 660.140 Shorebased IFQ Program.

\* \* \* \* \*

(c) \* \* \*

(1) *IFQ species*. IFQ species are those groundfish species and Pacific halibut in the exclusive economic zone or adjacent state waters off Washington, Oregon and California, under the jurisdiction of the Pacific Fishery Management Council, for which QS and IBQ will be issued. Groupings and area subdivisions for IFQ species are those

groupings and area subdivisions for which ACLs or ACTs are specified in the Tables 1a through 2d, subpart C, and those for which there is an area-specific precautionary harvest policy. The lists of individual groundfish species included in the minor shelf complex north of 40°10' N. lat., minor shelf complex south of 40°10' N. lat., minor slope complex north 40°10' N. lat., minor slope complex south of 40°10' N. lat., and in the other flatfish complex are specified under the definition of “groundfish” at § 660.11. The following are the IFQ species:

#### IFQ SPECIES

##### Roundfish

Lingcod N of 42°  
Lingcod S of 42°  
Pacific cod  
Pacific whiting  
Sablefish N. of 36°  
Sablefish S. of 36°

##### Flatfish

Dover sole  
English sole  
Petrale sole  
Arrowtooth flounder  
Starry flounder

## IFQ SPECIES—Continued

Other flatfish stock complex  
Pacific halibut (IBQ) N. of 40°10'

**Rockfish**

Pacific ocean perch N. of 40°10'  
Widow rockfish  
Canary rockfish  
Chilipepper rockfish S. of 40°10'  
Bocaccio S of 40°10'  
Splitnose rockfish S. of 40°10'  
Yellowtail rockfish N. of 40°10'  
Shortspine thornyhead N. of 34°27'  
Shortspine thornyhead S. of 34°27'  
Longspine thornyhead N. of 34°27'

## IFQ SPECIES—Continued

Cowcod S. of 40°10'  
Darkblotched rockfish  
Yelloweye rockfish  
Minor shelf rockfish complex N. of 40°10'  
Minor shelf rockfish complex S. of 40°10'  
Minor slope rockfish complex N. of 40°10'  
Minor slope rockfish complex S. of 40°10'

(2) *IFQ Management areas.* A vessel participating in the Shorebased IFQ Program may not fish in more than one IFQ management area during a trip. IFQ management areas are as follows:  
(i) Between the US/Canada border and 42°N. lat.,

(ii) Between 42°N. lat. and 40°10' N. lat.,  
(iii) Between 40°10' N. lat. and 36° N. lat.,  
(iv) Between 36°N. lat. and 34°27' N. lat.,  
(v) Between 34°27' N. lat. and the US/Mexico border.

\* \* \* \* \*

(d) \* \* \*

(1) \* \* \*

(ii) \* \* \*

(D) For the 2012 trawl fishery, NMFS will issue QP based on the following shorebased trawl allocations:

IFQ Species	Management area	Shorebased trawl allocation (mt)
Lingcod .....	North of 42° N. lat .....	840.00
Lingcod .....	South of 42° N. lat .....	970.65
Pacific cod .....	.....	1,135.00
Pacific Whiting .....	.....	TBD
Sablefish .....	North of 36° N. lat .....	2,467.00
Sablefish .....	South of 36° N. lat .....	514.08
Dover sole .....	.....	22,234.50
English sole .....	.....	9,542.50
Petrale sole .....	.....	1,054.60
Arrowtooth flounder .....	.....	9,462.45
Starry flounder .....	.....	671.50
Other flatfish .....	.....	4,197.40
Pacific Ocean perch .....	North of 40°10' N. lat .....	119.50
Widow rockfish .....	.....	342.62
Canary rockfish .....	.....	26.60
Chilipepper rockfish .....	South of 40°10' N. lat .....	1,331.25
Bocaccio rockfish .....	South of 40°10' N. lat .....	60.00
Splitnose rockfish .....	South of 40°10' N. lat .....	1,454.45
Yellowtail rockfish .....	North of 40°10' N. lat .....	3,107.36
Shortspine thornyhead .....	North of 34°27' N. lat .....	1,415.45
Shortspine thornyhead .....	South of 34°27' N. lat .....	50.00
Longspine thornyhead .....	North of 34°27' N. lat .....	1,914.00
Cowcod .....	South of 40°10' N. lat .....	1.80
Darkblotched rockfish .....	.....	248.94
Yelloweye rockfish .....	.....	0.60
Minor shelf rockfish complex .....	North of 40°10' N. lat .....	522.00
Minor shelf rockfish complex .....	South of 40°10' N. lat .....	86.00
Minor slope rockfish complex .....	North of 40°10' N. lat .....	829.52
Minor slope rockfish complex .....	South of 40°10' N. lat .....	377.37

\* \* \* \* \*

(4) \* \* \*

(i) \* \* \*

(C) The Shorebased IFQ program accumulation limits are as follows:

Species category	QS and IBQ control limit (in percent)	Species category	QS and IBQ control limit (in percent)
Non-whiting groundfish species .....	2.7	Shelf species .....	5.0
Lingcod—N. of 42° .....	2.5	Slope species .....	5.0
Lingcod—S. of 42° .....	2.5	Minor rockfish complex S. of 40°10':	
Pacific cod .....	12.0	Shelf species .....	9.0
Pacific whiting (shoreside) ....	10.0	Slope species .....	6.0
Sablefish		Dover sole .....	2.6
N. of 36° (Monterey north)	3.0	English sole .....	5.0
S. of 36° (Conception area) .....	10.0	Petrale sole .....	3.0
Pacific ocean perch N. of 40°10' .....	4.0	Arrowtooth flounder .....	10.0
		Starry flounder .....	10.0
		Other flatfish stock complex	10.0
		Pacific halibut (IBQ) N. of 40°10' .....	5.4
		* * * * *	
		(e) * * *	
		(4) * * *	

(i) *Vessel limits.* Vessel accounts may not have QP or IBQ pounds in excess of the QP Vessel Limit in any year, and, for species covered by Unused QP Vessel Limits, may not have QP or IBQ pounds in excess of the Unused QP Vessel Limit at any time. These amounts are as follows:

Species category	QP vessel limit (annual limit) (in percent)	Unused QP vessel limit (daily limit) (in percent)
Non-whiting groundfish species .....	3.2	.....
Lingcod—N of 42° .....	3.8	.....
Lingcod—S of 42° .....	3.8	.....
Pacific cod .....	20.0	.....
Pacific whiting (shoreside) .....	15.0	.....
Sablefish:		
N. of 36° (Monterey north) .....	4.5	.....
S. of 36° (Conception area) .....	15.0	.....
Pacific ocean perch N. of 40°10' .....	6.0	4.0
Widow rockfish <sup>1</sup> .....	8.5	5.1
Canary rockfish .....	10.0	4.4
Chilipepper rockfish S. of 40°10' .....	15.0	.....
Bocaccio S. of 40°10' .....	15.4	13.2
Splitnose rockfish S. of 40°10' .....	15.0	.....
Yellowtail rockfish N. of 40°10' .....	7.5	.....
Shortspine thornyhead:		
N. of 34°27' .....	9.0	.....
S. of 34°27' .....	9.0	.....
Longspine thornyhead:		
N. of 34°27' .....	9.0	.....
Cowcod S. of 40°10' .....	17.7	17.7
Darkblotched rockfish .....	6.8	4.5
Yelloweye rockfish .....	11.4	5.7
Minor rockfish complex N. of 40°10':		
Shelf species .....	7.5	.....
Slope species .....	7.5	.....
Minor rockfish complex S. of 40°10':		
Shelf species .....	13.5	.....
Slope species .....	9.0	.....
Dover sole .....	3.9	.....
English sole .....	7.5	.....
Petrale sole .....	4.5	.....
Arrowtooth flounder .....	20.0	.....
Starry flounder .....	20.0	.....
Other flatfish stock complex .....	15.0	.....
Pacific halibut (IBQ) N. of 40°10' .....	14.4	5.4

<sup>1</sup> If widow rockfish is rebuilt before initial allocation of QS, the vessel limit will be set at 1.5 times the control limit.

\* \* \* \* \*

6. In § 660.231 paragraph (b)(3)(i) is revised to read as follows:

**§ 660.231 Limited entry fixed gear sablefish primary fishery.**

\* \* \* \* \*

(b) \* \* \*

(3) *Cumulative limits.*

(i) A vessel participating in the primary season will be constrained by the sablefish cumulative limit associated with each of the permits registered for use with that vessel. During the primary season, each vessel authorized to fish in that season under paragraph (a) of this section may take, retain, possess, and land sablefish, up to

the cumulative limits for each of the permits registered for use with that vessel (i.e., stacked permits). If multiple limited entry permits with sablefish endorsements are registered for use with a single vessel, that vessel may land up to the total of all cumulative limits announced in this paragraph for the tiers for those permits, except as limited by paragraph (b)(3)(ii) of this section. Up to 3 permits may be registered for use with a single vessel during the primary season; thus, a single vessel may not take and retain, possess or land more than 3 primary season sablefish cumulative limits in any one year. A vessel registered for use with multiple limited entry permits is subject to per

vessel limits for species other than sablefish, and to per vessel limits when participating in the daily trip limit fishery for sablefish under § 660.232, subpart E. In 2011, the following annual limits are in effect: Tier 1 at 47,697 lb (21,635 kg), Tier 2 at 21,680 lb (9,834 kg), and Tier 3 at 12,389 lb (5,620kg). For 2012 and beyond, the following annual limits are in effect: Tier 1 at 46,238 lb (21,017 kg), Tier 2 at 21,017 lb (9,553 kg), and Tier 3 at 12,010 lb (5,459 kg).

\* \* \* \* \*

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