

**THE GROUND FISH MANAGEMENT TEAM (GMT) REPORT ON  
CONSIDERATION OF INSEASON ADJUSTMENTS**

The Groundfish Management Team (GMT) considered potential adjustments to ongoing 2008 groundfish fisheries and initial 2009 fisheries. The following considerations and recommendations are offered.

Adjustments to 2008 Groundfish Fisheries

*Limited entry non-whiting trawl*

The GMT received a request to increase cumulative limits for petrale sole north of 40°10' N. lat. The latest quota species monitoring (QSM) report indicates that as of October 25, 2008, petrale sole is tracking behind projections; therefore, the GMT recommends an increase in the petrale sole cumulative limits (in bold font) as follows:

Table 1. 2008 Cumulative Limits under Proposed Option

Area	Period	Sablefish	Longspine	Shortspine	Dover	Otr Flatfish	Petrale	Arrowtooth	Slope rock
North	1	14,000	25,000	12,000	80,000	110,000	40,000	150,000	1,500
Large	2	14,000	25,000	12,000	80,000	110,000	30,000	150,000	1,500
Footrope	3	19,000	25,000	25,000	80,000	110,000	20,000	150,000	1,500
	4	24,000	25,000	25,000	80,000	110,000	20,000	150,000	1,500
	5	24,000	25,000	25,000	80,000	110,000	20,000	150,000	1,500
	6	19,000	25,000	25,000	90,000	110,000	<b>60,000</b>	150,000	1,500
North SFFT	1	5,000	3,000	3,000	40,000	70,000	10,000	10,000	1,500
	2	5,000	3,000	3,000	50,000	70,000	18,000	10,000	1,500
	3	5,000	3,000	3,000	40,000	50,000	18,000	10,000	1,500
	4	7,000	3,000	3,000	50,000	80,000	18,000	10,000	1,500
	5	7,000	3,000	3,000	50,000	80,000	16,000	10,000	1,500
	6	7,000	3,000	3,000	50,000	80,000	10,000	10,000	1,500
38 - 40 10	1	14,000	25,000	12,000	80,000	110,000	50,000	10,000	15,000
	2	14,000	25,000	12,000	80,000	110,000	30,000	10,000	15,000
	3	19,000	25,000	25,000	80,000	110,000	30,000	10,000	15,000
	4	24,000	25,000	25,000	80,000	110,000	30,000	10,000	15,000
	5	24,000	25,000	25,000	80,000	110,000	30,000	10,000	15,000
	6	19,000	25,000	25,000	90,000	110,000	<b>75,000</b>	10,000	15,000
S 38	1	14,000	25,000	12,000	80,000	110,000	50,000	10,000	55,000
	2	14,000	25,000	12,000	80,000	110,000	30,000	10,000	55,000
	3	19,000	25,000	25,000	80,000	110,000	30,000	10,000	55,000
	4	24,000	25,000	25,000	80,000	110,000	30,000	10,000	55,000
	5	24,000	25,000	25,000	80,000	110,000	30,000	10,000	55,000
	6	19,000	25,000	25,000	90,000	110,000	<b>75,000</b>	10,000	55,000

Table 2. Estimated Impacts Resulting from the Proposed 2008 Action

		North	South	Total
Rebuilding Species	Canary	6.0	2.3	8.2
	POP	101.8	0.0	101.8
	Darkblotch	219.1	31.3	250.3
	Widow	2.0	5.5	7.4
	Bocaccio	0.0	9.6	9.6
	Yelloweye	0.5	0.0	0.5
	Cowcod	0.0	0.6	0.6
Target Species	Sablefish	2,023	514	2,537
	Longspine	509	385	894
	Shortspine	849	418	1,268
	Dover	10,181	2,218	12,399
	Arrowt'ht	3,487	64	3,551
	Petrals	1,906	250	2,157
	Otr Flat	1,154	537	1,691
	Slope rock	88	223	310

*Open Access Sablefish DTL Fishery North of 36° N. latitude*

The GMT received a request to increase the daily-trip-limit (DTL) limits in the OA sablefish fishery north of 36° N lat. from 300 lb per day or one landing of 800 lb per week not to exceed 2,400 lb per two months, to 300 lb per day or one landing of 1,000 lb per week, not to exceed 3,000 lb per two months beginning December 1, 2008. Unfortunately, QSM system catch reports by fleet have been delayed. Because of this delay, the GMT has little recent information to distinguish the amount of DTL sablefish catch that is attributed to open access versus limited entry DTL vessels. **Therefore, the GMT does not recommend an increase to DTL limits at this time.**

*Sablefish Fisheries South of 36° N. latitude.*

The latest QSM indicates that 198 mt of Conception Area sablefish have been caught out of the 211 mt OY. It is the GMT's understanding that the soonest any reductions could be implemented is December 1, 2008.

Option 1: Status Quo limits. The GMT notes that if the Council does not reduce limits the OY could be exceeded by as much as 20 mt based on average landings in November and December during 2003-2007.

Option 2: More restrictive sablefish management measures in the Conception Area beginning December 1, 2008. Discussions with industry indicate non-retention or more restrictive limits in these fisheries are likely to induce a race for fish in November from fishermen who want to take their limits before the fishery is restricted on December 1, 2008. The GMT notes that this will still result in the OY being exceeded and would likely exacerbate the overage relative to status quo.

Sablefish is managed under the 40-10 policy; therefore the OY has been reduced from the ABC. The GMT notes that any of the options will still result in exceeding the OY but there is little risk of exceeding the coastwide ABC.

**The GMT recommends status quo limits for these fisheries in the Conception Area.**

### Adjustments to Initial 2009 Groundfish Fisheries

The GMT understands that there will be a delay in implementing 2009 harvest specifications and management measures until March 1, 2009. Until new specifications are implemented, the default harvest specifications are the 2008 ABCs and OYs. The default management measures for period 1 fisheries are those that were in place at the beginning of 2008, unless the Council adopts adjustments to management measures at this meeting. Any adjustments to 2009 management measures decided under this agenda item need to stay within the 2008 ABCs and OYs until new harvest specifications are implemented.

The GMT considered the most recently available catch information, and evaluated performance of the 2008 fisheries relative to specifications and management measures in place throughout the year. The GMT compared management measures in place during period 1 of 2008 to those recommended by the Council for period 1 of 2009. The GMT considered the following:

#### *Adjustments to Limited Entry Trawl Fisheries*

While the trawl RCA configurations for period 1 2008 and proposed for 2009 are identical, cumulative landing limits for some important target species recommended for period 1 in 2009 are different than those specified for period 1 in 2008 (Table 3).

Table 3. A comparison of limited entry trawl cumulative bimonthly landing limits recommended by the Council for period 1 in 2009 to those specified for period 1 in 2008.

Area	Sablefish		Longspine Thornyhead		Shortspine Thornyhead		Dover Sole		Other Flatfish		Petrale Sole		Arrowtooth Flounder	
	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008
North of 40°10' N lat. Large Footrope Trawl	18,000	14,000	22,000	25,000	17,000	12,000	110,000	80,000	110,000	No change	25,000	40,000	150,000	No change
North of 40°10' N lat. Selective Flatfish Trawl	5,000	No change	3,000	No change	3,000	No change	40,000	No change	90,000	70,000	16,000	10,000	90,000	10,000
38° - 40°10' N lat.	20,000	14,000	22,000	25,000	17,000	12,000	110,000	80,000	110,000	No change	50,000	No change	10,000	No change
South of 38° N lat.	20,000	14,000	22,000	25,000	17,000	12,000	110,000	80,000	110,000	No change	50,000	No change	10,000	No change

Significant increases in landing limits for other flatfish, petrale sole, and arrowtooth limits using selective flatfish trawl gear were recommended for 2009; however increases cannot be accommodated under the lower 2008 canary OY. The negative impacts to the fleet by leaving in status quo management measures will be mitigated by the fact that trawling on the shelf is rare during the winter months. Therefore, the GMT does not recommend any period 1 adjustments to limits for the northern selective flatfish trawl strategy.

The GMT also does not recommend any changes to the sablefish cumulative landing limits for trawl fisheries south of 38° N. latitude since an increased sablefish harvest in the Conception Area cannot be accommodated under the 2008 OY. The GMT recommends dividing the cumulative limits north and south of 38° N latitude because available analyses were stratified at this latitude.

The GMT recommends an increase in the 2009 period 1 limited entry trawl cumulative landing limits of sablefish north of 38° N. latitude for all trawl strategies (except the northern selective flatfish trawl gear). The GMT-recommended sablefish limit increases are from 14,000 lbs/2 months to 18,000 lbs/2 months north of 40°10' N. latitude using large footrope trawls and from 14,000 lbs/2 months to 20,000 lbs/2 months between 40°10' N. latitude and 38° N latitude. Likewise, the GMT recommends an increase in the 2009 period 1 coastwide shortspine thornyhead limits from 12,000 lbs/2 months to 17,000 lbs/2 months for all trawl strategies (except the northern selective flatfish trawl gear), since 2008 limits are projected to result in catches below the specified shortspine thornyhead OYs. The GMT also recommends an increase in the Dover sole limits from 80,000 lbs/2 months to 110,000 lbs/2 months for all coastwide trawl strategies except the northern selective flatfish trawl strategy, since 2008 limits are projected to result in catches below the specified Dover sole OY. The GMT recommends reducing the 2009 period 1 cumulative landing limit of petrale sole north of 40°10' N. lat. using large and small footrope gear from 40,000 lbs/2 months to 25,000 lbs/2 months. This reduction is needed to avoid the market glut observed in period 1 of 2008 and to minimize the risk of more severe reductions of the petrale sole limits later in the year.

#### *Adjustments to LE and OA Fixed Gear Fisheries*

The only difference in period 1 management measures for the limited entry and open access fixed gear sectors in 2008 and 2009 are the non-trawl RCA configuration and Conception Area limits in the DTL fisheries.

Although the 2008 yelloweye rockfish OY is 20 mt, the status quo rebuilding plan adopted under FMP Amendment 16-4 specifies a harvest rate ramp-down strategy that would decrease the OY to 17 mt in 2009. Limited entry and open access fixed gear fisheries have the biggest commercial yelloweye impacts. Adjusting the configuration of the non-trawl RCA represents the most effective way to reduce those impacts and to minimize the risk of more severe restrictions later in 2009. Observer data from the West Coast Groundfish Observer Program analyzed during the 2009-10 specifications process indicated higher bycatch rates of yelloweye rockfish in limited entry and open access fixed gear fisheries in some offshore and nearshore areas north of 40°10' N. latitude. The Council recommended extending the non-trawl RCA in some of these areas to reduce yelloweye rockfish impacts. **The GMT recommends extending the seaward boundary of the non-trawl RCA between Cape Blanco and Cascade Head to 125 fm and the shoreward boundary of the non-trawl RCA between 40°10' N. latitude and Cape Blanco to 20 fm in period 1 of 2009.**

The higher Conception Area DTL limits recommended through the 2009-10 specifications process for period 1 next year were in response to the higher sablefish OY recommended for 2009. **The GMT does not recommend a period 1 DTL increase given that the 2008 Conception Area sablefish OY cannot support higher limits.**

The GMT received a request from the GAP to increase limits in the OA sablefish DTL fishery N of 36° N latitude from 300 lb per day or one landing of 800 lb per week, not to exceed 2,400 lb per two months, to 300 lb per day or one landing of 1,000 lb per week, not to exceed 3,000 lb per two months. **The GMT does not recommend an increase in period 1 DTL limits because QSM tracking by fleet has not been updated since June 2008.**

#### *Adjustments to Recreational Fisheries*

All of the recommended recreational seasons for 2009 are the same as the status quo January and February seasons; therefore, no adjustments to January and February recreational seasons are recommended. The only recreational management measure recommended for 2009 implementation in January and February different than status quo is a 3-lingcod daily bag limit in Oregon. Since there is very little observed effort in the January and February Oregon recreational fishery, **the GMT does not recommend an adjustment to the status quo 2-lingcod daily bag limit for January and February next year.**

#### **GMT Recommendations:**

##### *2008 Recommendations*

1. Increase petrale sole limits north of 40°10' N lat. as outlined in Table 1 beginning December 1, 2008.
2. Maintain status quo limits for the sablefish fisheries in the Conception Area.

##### *2009 Recommendations*

1. Increase the 2009 period 1 limited entry trawl cumulative landing limits of sablefish from 14,000 lbs/2 months to 18,000 lbs/2 months north of 40°10' N latitude using large footrope trawls and from 14,000 lbs/2 months to 20,000 lbs/2 months between 40°10' N latitude and 38° N latitude south for all trawl gears;
2. Increase the 2009 period 1 coastwide shortspine thornyhead limits from 12,000 lbs/2 months to 17,000 lbs/2 months for all strategies except the northern selective flatfish trawl strategy;
3. Increase the 2009 period 1 limited entry trawl cumulative landing limit of Dover sole in the south and in the north using large footrope trawls from 80,000 lbs/2 months to 110,000 lbs/2 months;
4. Reduce the 2009 period 1 limited entry trawl cumulative landing limit north of 40°10' N lat. of petrale sole using large and small footrope trawls from 40,000 lbs/2 months to 25,000 lbs/2 months.
5. Extend the seaward boundary of the non-trawl RCA between Cape Blanco and Cascade Head to 125 fm in period 1 next year;
6. Extend the shoreward boundary of the non-trawl RCA between 40°10' N latitude and Cape Blanco to 20 fm in period 1 next year.

**2008 Projected mortality impacts (mt) of overfished groundfish species under proposed inseason adjustments.**

11/02/08

Fishery	Bocaccio b/	Canary	Cowcod	Dkbl	POP	Widow	Yelloweye
<b>Limited Entry Trawl- Non-whiting</b>	<b>9.6</b>	<b>8.2</b>	<b>0.6</b>	<b>250.3</b>	<b>101.8</b>	<b>7.4</b>	<b>0.5</b>
<b>Limited Entry Trawl- Whiting</b>							
At-sea whiting motherships a/		6.7		25.0	22.1	287.0	0.0
At-sea whiting cat-proc a/			0.0				
Shoreside whiting a/			0.0				
Tribal whiting		1.3		0.0	0.6	6.1	0.0
<b>Tribal</b>							
Midwater Trawl		1.8		0.0	0.0	40.0	0.0
Bottom Trawl		0.8		0.0	3.7	0.0	0.0
Troll		0.5		0.0	0.0		0.0
Fixed gear		0.3		0.0	0.0	0.0	2.3
<b>Limited Entry Fixed Gear</b>		<b>0.8</b>					<b>1.8</b>
Sablefish	13.4		0.0	0.6	0.3	0.9	
Non-Sablefish			0.1	0.4		0.5	
<b>Open Access: Directed Groundfish</b>							
Sablefish DTL	0.0	0.2	0.1	0.2	0.1	0.0	0.3
Nearshore (North of 40°10' N. lat.)	0.0	2.5		0.0	0.0	0.5	2.2
Nearshore (South of 40°10' N. lat.)	0.1			0.0	0.0		
Other	10.6	1.0		0.0	0.0	0.0	0.1
<b>Open Access: Incidental Groundfish</b>							
CA Halibut	0.1	0.0		0.0	0.0		
CA Gillnet c/	0.5			0.0	0.0	0.0	
CA Sheephead c/				0.0	0.0	0.0	0.0
CPS- wetfish c/	0.3						
CPS- squid d/							
Dungeness crab c/	0.0		0.0	0.0	0.0		
HMS b/		0.0	0.0	0.0			
Pacific Halibut c/	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pink shrimp	0.1	0.1	0.0	0.0	0.0	0.1	0.1
Ridgeback prawn	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Salmon troll	0.2	0.8	0.0	0.0	0.0	0.3	0.2
Sea Cucumber	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spot Prawn (trap)							
<b>Recreational Groundfish e/</b>							
WA		1.2					2.8
OR		4.3				1.4	3.3
CA	<b>43.0</b>	<b>7.0</b>	0.2			<b>7.2</b>	2.1
<b>EFPs</b>	<b>7.7</b>	<b>0.1</b>	<b>0.2</b>	<b>0.6</b>		<b>2.7</b>	<b>0.1</b>
<b>Research: Includes NMFS trawl shelf-slope surveys, the IPHC halibut survey, and expected impacts from SRPs and LOAs. f/</b>							
	2.0	2.9	0.2	2.0	2.0	1.1	3.0
<b>TOTAL</b>	<b>87.7</b>	<b>40.5</b>	<b>1.4</b>	<b>279.2</b>	<b>130.9</b>	<b>355.2</b>	<b>18.9</b>
<b>2008 OY</b>	<b>218</b>	<b>44.0</b>	<b>4.0</b>	<b>330</b>	<b>150</b>	<b>368</b>	<b>20</b>
<b>Difference</b>	<b>130.3</b>	<b>3.5</b>	<b>2.7</b>	<b>50.9</b>	<b>19.1</b>	<b>12.8</b>	<b>1.1</b>
<b>Percent of OY</b>	<b>40.2%</b>	<b>92.0%</b>	<b>33.8%</b>	<b>84.6%</b>	<b>87.3%</b>	<b>96.5%</b>	<b>94.3%</b>
Key	= either not applicable; trace amount (<0.01 mt); or not reported in available data						

a/ Non-tribal whiting numbers reflect bycatch limits for the non-tribal whiting sectors.

b/ South of 40°10' N. lat.

c/ Mortality estimates are not hard numbers; based on the GMT's best professional judgment.

d/ Bycatch amounts by species unavailable, but bocaccio occurred in 0.1% of all port samples and other rockfish in another 0.1% of all port samples (and squid fisheries usually land their whole catch).

e/ Values in scorecard represent projected impacts for WA and OR. However, harvest guidelines for 2008 are as follows: canary in WA and OR combined = 8.2 mt; yelloweye in WA and OR combined = 6.8 mt.

f/ Research projections updated November 2008.

**DRAFT Table 3 (North) to Part 660, Subpart G -- 2009 Trip Limits for Limited Entry Trawl Gear North of 40°10' N. Lat.**

**Other Limits and Requirements Apply -- Read § 660.301 - § 660.399 before using this table**

		JAN-FEB
<b>Rockfish Conservation Area (RCA)<sup>6/</sup>:</b>		
1	North of 48°10.00' N. lat.	shore - modified 200 fm <sup>7/</sup>
2	48°10.00' N. lat. - 46°38.17' N. lat.	75 fm - modified 200 fm <sup>7/</sup>
3	46°38.17' N. lat. - 46°16.00' N. lat.	
4	46°16.00' N. lat. - 45°46.00' N. lat.	
5	45°46.00' N. lat. - 43°20.83' N. lat.	
6	43°20.83' N. lat. - 42°40.50' N. lat.	shore - modified 200 fm <sup>7/</sup>
7	42°40.50' N. lat. - 40°10.00' N. lat.	75 fm - modified 200 fm <sup>7/</sup>
8	<b>Minor slope rockfish<sup>2/</sup> &amp; Darkblotched rockfish</b>	1,500 lb/ 2 months
9	<b>Pacific ocean perch</b>	1,500 lb/ 2 months
10	<b>DTS complex</b>	
11	Sablefish	
12	large & small footrope gear	<b>18,000 lb/ 2 months</b>
13	selective flatfish trawl gear	5,000 lb/ 2 months
14	multiple bottom trawl gear <sup>8/</sup>	5,000 lb/ 2 months
15	Longspine thornyhead	
16	large & small footrope gear	25,000 lb/ 2 months
17	selective flatfish trawl gear	3,000 lb/ 2 months
18	multiple bottom trawl gear <sup>8/</sup>	3,000 lb/ 2 months
19	Shortspine thornyhead	
20	large & small footrope gear	<b>17,000 lb/ 2 months</b>
21	selective flatfish trawl gear	3,000 lb/ 2 months
22	multiple bottom trawl gear <sup>8/</sup>	3,000 lb/ 2 months
23	Dover sole	
24	large & small footrope gear	<b>110,000 lb/ 2 months</b>
25	selective flatfish trawl gear	40,000 lb/ 2 months
26	multiple bottom trawl gear <sup>8/</sup>	40,000 lb/ 2 months

**TABLE 3 (North)**

Table 3 (North). Continued

27	<b>Whiting</b>	
28	midwater trawl	Before the primary whiting season: CLOSED. -- During the primary season: mid-water trawl permitted in the RCA. See §660.373 for season and trip limit details. -- After the primary whiting season: CLOSED.
29	large & small footrope gear	Before the primary whiting season: 20,000 lb/trip. -- During the primary season: 10,000 lb/trip. -- After the primary whiting season: 10,000 lb/trip.
30	<b>Flatfish (except Dover sole)</b>	
31	Arrowtooth flounder	
32	large & small footrope gear	150,000 lb/ 2 months
33	selective flatfish trawl gear	10,000 lb/ 2 months
34	multiple bottom trawl gear <sup>8/</sup>	10,000 lb/ 2 months
35	Other flatfish <sup>3/</sup> , English sole, starry flounder, & Petrale sole	
36	large & small footrope gear for Other flatfish <sup>3/</sup> , English sole, & starry flounder	110,000 lb/ 2 months
37	large & small footrope gear for Petrale sole	<b>25,000 lb/ 2 months</b>
38	selective flatfish trawl gear for Other flatfish <sup>3/</sup> , English sole, & starry flounder	70,000 lb/ 2 months, no more than 10,000 lb/ 2 months of which may be petrale sole.
39	selective flatfish trawl gear for Petrale sole	
40	multiple bottom trawl gear <sup>8/</sup>	70,000 lb/ 2 months, no more than 10,000 lb/ 2 months of which may be petrale sole.
41	<b>Minor shelf rockfish<sup>1/</sup>, Shortbelly, Widow &amp; Yelloweye rockfish</b>	
42	midwater trawl for Widow rockfish	Before the primary whiting season: CLOSED. -- During primary whiting season: In trips of at least 10,000 lb of whiting, combined widow and yellowtail limit of 500 lb/ trip, cumulative widow limit of 1,500 lb/ month. Mid-water trawl permitted in the RCA. See §660.373 for primary whiting season and trip limit details. -- After the primary whiting season: CLOSED.
43	large & small footrope gear	300 lb/ 2 months
44	selective flatfish trawl gear	300 lb/ month
45	multiple bottom trawl gear <sup>8/</sup>	300 lb/ month

**TABLE 3 (North) cont**

Table 3 (North). Continued

46	<b>Canary rockfish</b>	
47	large & small footrope gear	CLOSED
48	selective flatfish trawl gear	100 lb/ month
49	multiple bottom trawl gear <sup>8/</sup>	CLOSED
50	<b>Yellowtail</b>	
	midwater trawl	Before the primary whiting season: CLOSED. -- During primary whiting season: In trips of at least 10,000 lb of whiting: combined widow and yellowtail limit of 500 lb/ trip, cumulative yellowtail limit of 2,000 lb/ month. Mid-water trawl permitted in the RCA. See §660.373 for primary whiting season and trip limit details. -- After the primary whiting season: CLOSED.
51		
52	large & small footrope gear	300 lb/ 2 months
53	selective flatfish trawl gear	2,000 lb/ 2 months
54	multiple bottom trawl gear <sup>8/</sup>	300 lb/ 2 months
55	<b>Minor nearshore rockfish &amp; Black rockfish</b>	
56	large & small footrope gear	CLOSED
57	selective flatfish trawl gear	300 lb/ month
58	multiple bottom trawl gear <sup>8/</sup>	CLOSED
59	<b>Lingcod<sup>4/</sup></b>	
60	large & small footrope gear	
61	selective flatfish trawl gear	1,200 lb/ 2 months
62	multiple bottom trawl gear <sup>8/</sup>	
63	<b>Pacific cod</b>	30,000 lb/ 2 months
64	<b>Spiny dogfish</b>	200,000 lb/ 2 months
65	<b>Other Fish<sup>5/</sup></b>	Not limited

**TABLE 3 (North) cont'**

1/ Bocaccio, chilipepper and cowcod are included in the trip limits for minor shelf rockfish.

2/ Splitnose rockfish is included in the trip limits for minor slope rockfish.

3/ "Other flatfish" are defined at § 660.302 and include butter sole, curlfin sole, flathead sole, Pacific sanddab, rex

4/ The minimum size limit for lingcod is 24 inches (61 cm) total length.

5/ "Other fish" are defined at § 660.302 and include sharks, skates, ratfish, morids, grenadiers, and kelp greenling. Cabezon is included in the trip limits for "other fish."

6/ The Rockfish Conservation Area is a gear and/or sector specific closed area generally described by depth but specifically defined by lat/long coordinates set out at §§ 660.391-660.394.

7/ The "modified 200 fm" line is modified to exclude certain petrale sole areas from the RCA.

8/ If a vessel has both selective flatfish gear and large or small footrope gear on board during a cumulative limit period (simultaneously or successively), the most restrictive cumulative limit for any gear on board during the cumulative for the entire cumulative limit period.

**To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram.**

**DRAFT Table 3 (South) to Part 660, Subpart G -- 2009 Trip Limits for Limited Entry Trawl Gear South of 40°10' N. Lat.**

Other Limits and Requirements Apply -- Read § 660.301 - § 660.399 before using this table

		JAN-FEB
	<b>Rockfish Conservation Area (RCA)<sup>6/</sup>:</b>	
1	South of 40°10' N. lat.	100 fm - 150 fm <sup>7/</sup>
2	<b>Minor slope rockfish<sup>2/</sup> &amp; Darkblotched rockfish</b>	
3	40°10' - 38° N. lat.	15,000 lb/ 2 months
4	South of 38° N. lat.	55,000 lb/ 2 months
5	<b>Splitnose</b>	
6	40°10' - 38° N. lat.	15,000 lb/ 2 months
7	South of 38° N. lat.	40,000 lb/ 2 months
8	<b>DTS complex</b>	
9	Sablefish	
	40°10' - 38° N. lat.	<b>20,000 lb/ 2 months</b>
	South of 38° N. lat.	14,000 lb/ 2 months
10	Longspine thornyhead	25,000 lb/ 2 months
11	Shortspine thornyhead	<b>17,000 lb/ 2 months</b>
12	Dover sole	<b>110,000 lb/ 2 months</b>
13	<b>Flatfish (except Dover sole)</b>	
14	Other flatfish <sup>3/</sup> , English sole, & starry flounder	110,000 lb/ 2 months
15	Petrable sole	50,000 lb/ 2 months
16	Arrowtooth flounder	10,000 lb/ 2 months
17	<b>Whiting</b>	
18	midwater trawl	Before the primary whiting season: CLOSED. -- During the primary season: mid-water trawl permitted in the RCA. See §660.373 for season and trip limit details. -- After
19	large & small footrope gear	Before the primary whiting season: 20,000 lb/trip. -- During the primary season: 10,000 lb/trip. -- After the

**TABLE 3 (South)**

Table 3 (South). Continued

20	<b>Minor shelf rockfish<sup>1/</sup>, Chilipepper, Shortbelly, Widow, &amp; Yelloweye rockfish</b>		<b>TABLE 3 (South) cont'</b>
21	large footrope or midwater trawl for Minor shelf rockfish & Shortbelly	300 lb/ month	
22	large footrope or midwater trawl for Chilipepper	2,000 lb/ 2 months	
23	large footrope or midwater trawl for Widow & Yelloweye	CLOSED	
24	small footrope trawl for Minor Shelf, Shortbelly, Widow & Yelloweye	300 lb/ month	
25	small footrope trawl for Chilipepper	2,000 lb/ 2 months	
26	<b>Bocaccio</b>		
27	large footrope or midwater trawl	300 lb/ 2 months	
28	small footrope trawl	CLOSED	
29	<b>Canary rockfish</b>		
30	large footrope or midwater trawl	CLOSED	
31	small footrope trawl	100 lb/ month	
32	<b>Cowcod</b>	CLOSED	
33	<b>Minor nearshore rockfish &amp; Black rockfish</b>		
34	large footrope or midwater trawl	CLOSED	
35	small footrope trawl	300 lb/ month	
36	<b>Lingcod<sup>4/</sup></b>		
37	large footrope or midwater trawl	1,200 lb/ 2 months	
38	small footrope trawl		
39	<b>Pacific cod</b>	30,000 lb/ 2 months	
40	<b>Spiny dogfish</b>	200,000 lb/ 2 months	
41	<b>Other Fish<sup>5/</sup> &amp; Cabezon</b>	Not limited	

1/ Yellowtail is included in the trip limits for minor shelf rockfish.

2/ POP is included in the trip limits for minor slope rockfish

3/ "Other flatfish" are defined at § 660.302 and include butter sole, curlfin sole, flathead sole, Pacific sanddab, rex sole

4/ The minimum size limit for lingcod is 24 inches (61 cm) total length.

5/ Other fish are defined at § 660.302 and include sharks, skates, ratfish, morids, grenadiers, and kelp greenling.

6/ The Rockfish Conservation Area is a gear and/or sector specific closed area generally described by depth contours but specifically defined by lat/long coordinates set out at §§ 660.391-660.394.

7/ South of 34°27' N. lat., the RCA is 100 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands.

**To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram**

**DRAFT Table 4 (North) to Part 660, Subpart G -- 2009 Trip Limits for Limited Entry Fixed Gear North of 40°10' N. Lat.**

**Other Limits and Requirements Apply -- Read § 660.301 - § 660.399 before using this table**

		JAN-FEB
<b>Rockfish Conservation Area (RCA)<sup>6/</sup>:</b>		
1	North of 46°16' N. lat.	shoreline - 100 fm
	45°03.83' N. lat. - 42°50' N. lat.	30 fm - <b>125 fm</b>
2	42°50' N. lat. - 40°10' N. lat.	<b>20 fm</b> - 100 fm
3	<b>Minor slope rockfish<sup>2/</sup> &amp; Darkblotched rockfish</b>	4,000 lb/ 2 months
4	<b>Pacific ocean perch</b>	1,800 lb/ 2 months
5	<b>Sablefish</b>	300 lb/ day, or 1 landing per week of up to 1,000 lb, not to exceed 5,000 lb/ 2 months
6	<b>Longspine thornyhead</b>	10,000 lb/ 2 months
7	<b>Shortspine thornyhead</b>	2,000 lb/ 2 months
8	<b>Dover sole</b>	5,000 lb/ month South of 42° N. lat., when fishing for "other flatfish," vessels using hook-and-line gear with no more than 12 hooks per line, using hooks no larger than "Number 2" hooks, which measure 11 mm (0.44 inches) point to shank, and up to two 1 lb (0.45 kg) weights per line are not subject to the RCAs.
9	<b>Arrowtooth flounder</b>	
10	<b>Petrale sole</b>	
11	<b>English sole</b>	
12	<b>Starry flounder</b>	
13	<b>Other flatfish<sup>1/</sup></b>	
14	<b>Whiting</b>	10,000 lb/ trip
15	<b>Minor shelf rockfish<sup>2/</sup>, Shortbelly, Widow, &amp; Yellowtail rockfish</b>	200 lb/ month
16	<b>Canary rockfish</b>	CLOSED
17	<b>Yelloweye rockfish</b>	CLOSED
18	<b>Minor nearshore rockfish &amp; Black rockfish</b>	
19	North of 42° N. lat.	5,000 lb/ 2 months, no more than 1,200 lb of which may be species other than black or blue rockfish <sup>3/</sup>
20	42° - 40°10' N. lat.	6,000 lb/ 2 months, no more than 1,200 lb of which may be species other than black or blue rockfish <sup>3/</sup>
21	<b>Lingcod<sup>4/</sup></b>	CLOSED
22	<b>Pacific cod</b>	1,000 lb/ 2 months
23	<b>Spiny dogfish</b>	200,000 lb/ 2 months
24	<b>Other fish<sup>5/</sup></b>	Not limited

**TABLE 4 (North)**

1/ "Other flatfish" are defined at § 660.302 and include butter sole, curlfin sole, flathead sole, Pacific sanddab, rex sole, Bocaccio, chilipepper and cowcod are included in the trip limits for minor shelf rockfish and splitnose rockfish is included in the trip limits for minor slope rockfish.

3/ For black rockfish north of Cape Alava (48°09.50' N. lat.), and between Destruction Is. (47°40' N. lat.) and Leadbette there is an additional limit of 100 lb or 30 percent by weight of all fish on board, whichever is greater, per vessel, per trip.

4/ The minimum size limit for lingcod is 22 inches (56 cm) total length North of 42° N. lat. and 24 inches (61 cm) total length South of 42° N. lat.

5/ "Other fish" are defined at § 660.302 and include sharks, skates, ratfish, morids, grenadiers, and kelp greenling. Cabezon is included in the trip limits for "other fish."

6/ The Rockfish Conservation Area is a gear and/or sector specific closed area generally described by depth contours but specifically defined by lat/long coordinates set out at §§ 660.391-660.394.

**To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram.**

**DRAFT Table 4 (South) to Part 660, Subpart G -- 2009 Trip Limits for Limited Entry Fixed Gear South of 40°10' N. Lat.**

Other Limits and Requirements Apply -- Read § 660.301 - § 660.399 before using this table

		JAN-FEB
<b>Rockfish Conservation Area (RCA)<sup>5/</sup>:</b>		
1	40°10' - 34°27' N. lat.	30 fm - 150 fm
2	South of 34°27' N. lat.	60 fm - 150 fm (also applies around islands)
3	<b>Minor slope rockfish<sup>2/</sup> &amp; Darkblotched rockfish</b>	40,000 lb/ 2 months
4	<b>Splitnose</b>	40,000 lb/ 2 months
5	<b>Sablefish</b>	
6	40°10' - 36° N. lat.	300 lb/ day, or 1 landing per week of up to 1,000 lb, not to exceed 5,000 lb/ 2 months
7	South of 36° N. lat.	350 lb/ day, or 1 landing per week of up to 1,050 lb
8	<b>Longspine thornyhead</b>	10,000 lb / 2 months
9	<b>Shortspine thornyhead</b>	
10	40°10' - 34°27' N. lat.	2,000 lb/ 2 months
11	South of 34°27' N. lat.	3,000 lb/ 2 months
12	<b>Dover sole</b>	5,000 lb/ month South of 42° N. lat., when fishing for "other flatfish," vessels using hook-and-line gear with no more than 12 hooks per line, using hooks no larger than "Number 2" hooks, which measure 11 mm (0.44 inches) point to shank, and up to two 1 lb (0.45 kg) weights per line are not subject to the RCAs.
13	<b>Arrowtooth flounder</b>	
14	<b>Petrale sole</b>	
15	<b>English sole</b>	
16	<b>Starry flounder</b>	
17	<b>Other flatfish<sup>1/</sup></b>	
18	<b>Whiting</b>	10,000 lb/ trip
19	<b>Minor shelf rockfish<sup>2/</sup>, Shortbelly, Widow rockfish, and Bocaccio (including Chilipepper between</b>	
20	40°10' - 34°27' N. lat.	Minor shelf rockfish, shortbelly, widow rockfish, bocaccio & chilipepper: 2,500 lb/ 2 months, of which no more than 500 lb/ 2 months may be any species other than chilipepper.
21	South of 34°27' N. lat.	3,000 lb/ 2 months
22	<b>Chilipepper rockfish</b>	
23	40°10' - 34°27' N. lat.	Chilipepper included under minor shelf rockfish, shortbelly, widow and bocaccio limits - - See above
24	South of 34°27' N. lat.	2,000 lb/ 2 months, this opportunity only available seaward of the nontrawl RCA
25	<b>Canary rockfish</b>	CLOSED
26	<b>Yelloweye rockfish</b>	CLOSED
27	<b>Cowcod</b>	CLOSED
28	<b>Bocaccio</b>	
29	40°10' - 34°27' N. lat.	Bocaccio included under Minor shelf rockfish, shortbelly, widow & chilipepper limits -- See above
30	South of 34°27' N. lat.	300 lb/ 2 months

**TABLE 4 (South)**

Table 4 (South). Continued

31	<b>Minor nearshore rockfish &amp; Black rockfish</b>		<b>TABLE 4 (South)</b>
32	Shallow nearshore	600 lb/ 2 months	
33	Deeper nearshore		
34	40°10' - 34°27' N. lat.	700 lb/ 2 months	
35	South of 34°27' N. lat.	500 lb/ 2 months	
36	California scorpionfish	600 lb/ 2 months	
37	<b>Lingcod<sup>3/</sup></b>	CLOSED	
38	<b>Pacific cod</b>	1,000 lb/ 2 months	
39	<b>Spiny dogfish</b>	200,000 lb/ 2 months	
40	<b>Other fish<sup>4/</sup> &amp; Cabezon</b>	Not limited	

1/ "Other flatfish" are defined at § 660.302 and include butter sole, curlfin sole, flathead sole, Pacific sanddab, rex sole,

2/ POP is included in the trip limits for minor slope rockfish. Yellowtail is included in the trip limits for minor shelf rockfi

3/ The minimum size limit for lingcod is 24 inches (61 cm) total length.

4/ "Other fish" are defined at § 660.302 and include sharks, skates, rattfish, morids, grenadiers, and kelp greenling.

5/ The Rockfish Conservation Area is a gear and/or sector specific closed area generally described by depth contours lat/long coordinates set out at §§ 660.391-660.394, except that the 20-fm depth contour off California is defined by and not coordinates.

**To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram.**

**DRAFT Table 5 (North) to Part 660, Subpart G -- 2009 Trip Limits for Open Access Gears North of 40°10' N. Lat.**

Other Limits and Requirements Apply -- Read § 660.301 - § 660.399 before using this table

		JAN-FEB
<b>Rockfish Conservation Area (RCA):</b>		
1	North of 46°16' N. lat.	shoreline - 100 fm
2	45°03.83' N. lat. - 42°50' N. lat.	30 fm - 125 fm
3	42°50' N. lat. - 40°10' N. lat.	20 fm - 100 fm
3	<b>Minor slope rockfish<sup>1/</sup> &amp; Darkblotched rockfish</b>	Per trip, no more than 25% of weight of the sablefish landed
4	<b>Pacific ocean perch</b>	100 lb/ month
5	<b>Sablefish</b>	300 lb/ day, or 1 landing per week of up to 800 lb, not to exceed 2,400 lb/ 2 months
6	<b>Thornyheads</b>	CLOSED
7	<b>Dover sole</b>	3,000 lb/month, no more than 300 lb of which may be species other than Pacific sanddabs. South of 42° N. lat., when fishing for "other flatfish," vessels using hook-and-line gear with no more than 12 hooks per line, using hooks no larger than "Number 2" hooks, which measure 11 mm (0.44 inches) point to shank, and up to two 1 lb (0.45 kg) weights per line are not subject to the RCAs.
8	<b>Arrowtooth flounder</b>	
9	<b>Petrale sole</b>	
10	<b>English sole</b>	
11	<b>Starry flounder</b>	
12	<b>Other flatfish<sup>2/</sup></b>	
13	<b>Whiting</b>	300 lb/ month
14	<b>Minor shelf rockfish<sup>1/</sup>, Shortbelly, Widow, &amp; Yellowtail rockfish</b>	200 lb/ month
15	<b>Canary rockfish</b>	CLOSED
16	<b>Yelloweye rockfish</b>	CLOSED
17	<b>Minor nearshore rockfish &amp; Black rockfish</b>	5,000 lb/ 2 months, no more than 1,200 lb of which may be species other than black or blue rockfish <sup>3/</sup>
18	North of 42° N. lat.	
19	42° - 40°10' N. lat.	
20	<b>Lingcod<sup>4/</sup></b>	CLOSED
21	<b>Pacific cod</b>	1,000 lb/ 2 months
22	<b>Spiny dogfish</b>	200,000 lb/ 2 months
23	<b>Other Fish<sup>5/</sup></b>	Not limited

**TABLE 5 (North)**

Table 5 (North). Continued

24	<b>PINK SHRIMP NON-GROUNDFISH TRAWL</b> (not subject to RCAs)		<b>TABLE 5 (North) con't</b>
25	North	<b>Effective April 1 - October 31:</b> Groundfish: 500 lb/day, multiplied by the number of days of the trip, not to exceed 1,500 lb/trip. The following sublimits also apply and are counted toward the overall 500 lb/day and 1,500 lb/trip groundfish limits: lingcod 300 lb/month (minimum 24 inch size limit); sablefish 2,000 lb/month; canary, thornyheads and yelloweye rockfish are PROHIBITED. All other groundfish species taken are managed under the overall 500 lb/day and 1,500 lb/trip groundfish limits. Landings of these species count toward the per day and per trip groundfish limits and do not have	
26	<b>SALMON TROLL</b>		
27	North	Salmon trollers may retain and land up to 1 lb of yellowtail rockfish for every 2 lbs of salmon landed, with a cumulative limit of 200 lb/month, both within and outside of the RCA. This limit is within the 200 lb per month combined limit for minor shelf rockfish, widow rockfish and yellowtail rockfish, and not in addition to that limit. All groundfish species are subject to the open access limits, seasons and RCA	

1/ Bocaccio, chilipepper and cowcod rockfishes are included in the trip limits for minor shelf rockfish.

Splitnose rockfish is included in the trip limits for minor slope rockfish.

2/ "Other flatfish" are defined at § 660.302 and include butter sole, curffin sole, flathead sole, Pacific sanddab, rex sole, rock sole,  
 3/ For black rockfish north of Cape Alava (48°09.50' N. lat.), and between Destruction Is. (47°40' N. lat.) and Leadbetter Pnt. (46°: there is an additional limit of 100 lbs or 30 percent by weight of all fish on board, whichever is greater, per vessel, per fishing

4/ The minimum size limit for lingcod is 22 inches (56 cm) total length North of 42° N. lat. and 24 inches (61 cm) total length south

5/ "Other fish" are defined at § 660.302 and include sharks, skates, rattfish, morids, grenadiers, and kelp greenling.

Cabazon is included in the trip limits for "other fish."

6/ The Rockfish Conservation Area is a gear and/or sector specific closed area generally described by depth contours but specifically defined by lat/long coordinates set out at §§ 660.391-660.394.

**To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram**

**DRAFT Table 5 (South) to Part 660, Subpart G -- 2009 Trip Limits for Open Access Gears South of 40°10' N. Lat.**

**Other Limits and Requirements Apply -- Read § 660.301 - § 660.399 before using this table**

		JAN-FEB
<b>Rockfish Conservation Area (RCA)<sup>5/</sup>:</b>		
1	40°10' - 34°27' N. lat.	30 fm - 150 fm
2	South of 34°27' N. lat.	60 fm - 150 fm (also applies around islands)
3	<b>Minor slope rockfish<sup>1/</sup> &amp; Darkblotched rockfish</b>	
4	40°10' - 38° N. lat.	Per trip, no more than 25% of weight of the sablefish landed
5	South of 38° N. lat.	10,000 lb/ 2 months
6	<b>Splitnose</b>	200 lb/ month
7	<b>Sablefish</b>	
8	40°10' - 36° N. lat.	300 lb/ day, or 1 landing per week of up to 800 lb, not to exceed 2,400 lb/ 2 months
9	South of 36° N. lat.	300 lb/ day, or 1 landing per week of up to 700 lb
10	<b>Thornyheads</b>	
11	40°10' - 34°27' N. lat.	CLOSED
12	South of 34°27' N. lat.	50 lb/ day, no more than 1,000 lb/ 2 months
13	<b>Dover sole</b>	3,000 lb/month, no more than 300 lb of which may be species other than Pacific sanddabs. South of 42° N. lat., when fishing for "other flatfish," vessels using hook-and-line gear with no more than 12 hooks per line, using hooks no larger than "Number 2" hooks, which measure 11 mm (0.44 inches) point to shank, and up to two 1 lb (0.45 kg) weights per line are not subject to the RCAs.
14	<b>Arrowtooth flounder</b>	
15	<b>Petrale sole</b>	
16	<b>English sole</b>	
17	<b>Starry flounder</b>	
18	<b>Other flatfish<sup>2/</sup></b>	
19	<b>Whiting</b>	300 lb/ month
20	<b>Minor shelf rockfish<sup>1/</sup>, Shortbelly, Widow &amp; Chilipepper rockfish</b>	
21	40°10' - 34°27' N. lat.	300 lb/ 2 months
22	South of 34°27' N. lat.	750 lb/ 2 months
23	<b>Canary rockfish</b>	CLOSED
24	<b>Yelloweye rockfish</b>	CLOSED
25	<b>Cowcod</b>	CLOSED
26	<b>Bocaccio</b>	
27	40°10' - 34°27' N. lat.	200 lb/ 2 months
28	South of 34°27' N. lat.	100 lb/ 2 months

**TABLE 5 (South)**

Table 5 (South). Continued

29	<b>Minor nearshore rockfish &amp; Black rockfish</b>	
30	Shallow nearshore	600 lb/ 2 months
31	Deeper nearshore	
32	40°10' - 34°27' N. lat.	700 lb/ 2 months
33	South of 34°27' N. lat.	500 lb/ 2 months
34	California scorpionfish	600 lb/ 2 months
35	<b>Lingcod<sup>3/</sup></b>	CLOSED
36	<b>Pacific cod</b>	1,000 lb/ 2 months
37	<b>Spiny dogfish</b>	200,000 lb/ 2 months
38	<b>Other Fish<sup>4/</sup> &amp; Cabezon</b>	Not limited
39	<b>RIDGEBACK PRAWN AND, SOUTH OF 38°57.50' N. LAT., CA HALIBUT AND SEA CUCUMBER NON-</b>	
40	<b>NON-GROUNDFISH TRAWL Rockfish Conservation Area (RCA) for CA Halibut, Sea Cucumber &amp; Ridgeback</b>	
41	40°10' - 38° N. lat.	100 fm - modified 200 fm <sup>6/</sup>
42	38° - 34°27' N. lat.	100 fm - 150 fm
43	South of 34°27' N. lat.	100 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands
44		Groundfish: 300 lb/trip. Trip limits in this table also apply and are counted toward the 300 lb groundfish per trip limit. The amount of groundfish landed may not exceed the amount of the target species landed, except that the amount of spiny dogfish landed may exceed the amount of target species landed. Spiny dogfish are limited by the 300 lb/trip overall groundfish limit. The daily trip limits for sablefish coastwide and thornyheads south of Pt. Conception and the overall groundfish "per trip" limit may not be multiplied by the number of days of the trip. Vessels participating in the California halibut fishery south of 38°57.50' N. lat. are allowed to (1) land up to 100 lb/day of groundfish without the ratio requirement, provided that at least one California halibut is landed and (2) land up to 3,000 lb/month of flatfish, no more than 300 lb of which may be species other than Pacific
45	<b>PINK SHRIMP NON-GROUNDFISH TRAWL GEAR (not subject to RCAs)</b>	
46	South	<b>Effective April 1 - October 31:</b> Groundfish: 500 lb/day, multiplied by the number of days of the trip, not to exceed 1,500 lb/trip. The following sublimits also apply and are counted toward the overall 500 lb/day and 1,500 lb/trip groundfish limits: lingcod 300 lb/ month (minimum 24 inch size limit); sablefish 2,000 lb/ month; canary, thornyheads and yelloweye rockfish are PROHIBITED. All other groundfish species taken are managed under the overall 500 lb/day and 1,500 lb/trip groundfish limits. Landings of these species count toward the per day and per trip groundfish limits and do not have

TABLE 5 (South) cont'

1/ Yellowtail rockfish is included in the trip limits for minor shelf rockfish and POP is included in the trip limits for minor slope rockfish  
 2/ "Other flatfish" are defined at § 660.302 and include butter sole, curlfin sole, flathead sole, Pacific sanddab, rex sole, rock sole,  
 3/ The size limit for lingcod is 24 inches (61 cm) total length.  
 4/ "Other fish" are defined at § 660.302 and include sharks, skates, ratfish, morids, grenadiers, and kelp greenling.  
 5/ The Rockfish Conservation Area is a gear and/or sector specific closed area generally described by depth contours but specific lat/long coordinates set out at §§ 660.391-660.394, except that the 20-fm depth contour off California is defined by the depth and not coordinates.  
 6/ The "modified 200 fm" line is modified to exclude certain petrale sole areas from the RCA.  
**To convert pounds to kilograms, divide by 2.20462, the number of pounds in one kilogram**