

THE GROUND FISH MANAGEMENT TEAM REPORT ON  
FINAL CONSIDERATION OF INSEASON ADJUSTMENTS

The Council adopted several inseason adjustments as part of Agenda Item C.3 and asked the Groundfish Management Team (GMT) and Groundfish Advisory Subpanel (GAP) to revisit the projected mortality of canary rockfish in the bycatch scorecard. The GMT reviewed several options regarding canary rockfish and have the following recommendations for consideration by the Council.

**RECREATIONAL**

The Council recommended that the GMT consider reducing the WA/OR recreational mortality estimate for canary rockfish from 8.5 mt to 8.3 mt. Catch of canary rockfish is reported to be tracking behind schedule in the WA/OR recreational fisheries. Through July, OR recreational mortality is estimated to be at 1.9 mt and WA at 0.7 mt, or 2.6 mt out of the 8.5 mt WA/OR harvest guideline. Because recreational fisheries are tracking behind schedule, a reduction in the recreational estimate in the bycatch scorecard should be a better estimate of actual projected mortality. While the Council recommended a reduction to 8.3 mt, the GMT feels a reduction to 8.0 mt can be accommodated based on current landings and projections for the year. Therefore, the GMT recommends a reduction in the WA/OR recreational total mortality estimate from 8.5 mt to 8.0 mt in the bycatch scorecard, with the actual harvest guideline remaining at 8.5 mt in regulation. Both the Oregon and Washington fisheries trend sharply downward beginning in September, so savings in these fisheries will become much firmer well before the end of the year.

**RESEARCH**

As previously mentioned under Agenda Item C.3, catch of canary rockfish by research vessels is higher than projected in the bycatch scorecard for 2006. Based on preliminary information from research vessels to date, the current research catch estimate is 7.5 mt (7.2 mt from the NMFS triennial trawl survey and 0.3 mt from research off Oregon). The NMFS triennial trawl survey is continuing from Eureka to San Diego. The GMT reviewed historical survey trend data from 2003-2005 and estimates that an additional 0.3 mt should cover the remainder of the research catch for that area. However, the survey vessel is conducting its survey in the area between 41° N. latitude and 40°10' N. latitude (off of Eureka), which is a known "hot spot" area. To cover the potential for a high tow of canary rockfish, the GMT estimates that 1.0 mt is a safer estimate until the vessel has moved south of 40°10' N. latitude. This would raise the scorecard amount to 8.5 mt through the end of the year. The vessel is estimated to be out of the "hot spot" area by next week.

The GMT recommends two scenarios:

- 1) To accommodate an unexpectedly high tow of canary rockfish while the trawl survey is still being conducted in the "hot spot," the bycatch scorecard will estimate another 1.0 mt of canary rockfish in research for the remainder of the year, bringing the total to 8.5 mt.
- 2) After the survey is south of 40°10' N. latitude and if they did not have an unexpectedly high tow of canary rockfish, then the estimate in the bycatch scorecard will be reduced to 7.8 mt (7.5 mt currently taken + 0.3 mt estimated additional take). NMFS should have this information in time to make adjustments to the inseason action to be effective October 1.

## **COMMERCIAL**

The Council recommended that the GMT consider reducing the canary rockfish bycatch limit in the non-tribal whiting fishery from 4.7 mt to 4.0 mt in regulation. The non-tribal whiting fishery has currently taken 2.5 mt out of their 4.7 mt canary rockfish bycatch limit. As a comparison, the non-tribal whiting fishery took 3.3 mt of canary rockfish in 2005; however, the 4.7 mt bycatch limit is based on historical catch before 2005. Given other updates to the bycatch scorecard, the non-tribal whiting bycatch limit would need to be reduced to 4.0 mt, to make the estimates within the scorecard remain within the OY for canary rockfish. With the shorebased fishery closed and limited amounts of the whiting allocation remaining for the mothership and catcher/processor sector, the non-tribal whiting fishery will likely remain within the lower 4.0 mt canary rockfish bycatch limit. Based on the scenarios listed under the research catch, if the trawl survey does not have a high tow of canary rockfish before it is south of 40°10' N. latitude, then the bycatch limit would not need to be reduced to 4.0 mt.

As a reminder, the tribal whiting fishery has taken 0.3 mt through August out of a projected 1.6 mt canary mortality. As a comparison, the tribal whiting fishery took 0.6 mt of canary rockfish in 2005. The tribal midwater trawl fishery is also tracking behind in the bycatch scorecard.

## **SCORECARD UPDATE**

The GMT took a closer look at estimates and projections in the bycatch scorecard for canary rockfish. An extra column has been added to the right of the scorecard to reflect scenario 2) in the research catch above (i.e., the scorecard estimates if the research total mortality for canary rockfish is 7.8 mt rather than 8.5 mt.). The attached scorecard reflects changes to the bycatch limit for the non-tribal whiting fishery and the WA/OR recreational total mortality estimate as previously mentioned in the statement.

As suggested by the Council under Agenda Item C.3, the estimate for take of canary rockfish in the salmon troll fishery has been adjusted based on lower Chinook salmon opportunities in 2006. The bycatch scorecard previously estimated 1.6 mt of canary would be caught in the salmon troll fishery. The 1.6 mt estimate was a direct carryover from the 2005 bycatch scorecard. However, opportunity to participate in the Chinook salmon fishery has been reduced by roughly 75% coastwide. If the same 75% reduction is applied to the canary rockfish estimate in the bycatch scorecard, that would lower the canary estimate to 0.4 mt. Doubling this estimate as a precautionary adjustment leaves a revised estimate of 0.8 mt of canary rockfish taken in the salmon troll fishery.

Also, the GMT reviewed estimates for canary rockfish take in the directed open access fisheries. The directed open access estimate for canary is reduced in the scorecard from 3.0 mt to 2.8 mt. This reflects an estimated savings of 0.2 mt because all of nearshore target species in this fishery are estimated to be below their harvest targets through the year.

With all of these updates to the bycatch scorecard and under the two research scenarios presented, projected total mortality of canary rockfish for the year in the bycatch scorecard is 47.1 mt, equivalent to the OY for 2006. However, as mentioned previously, many fisheries are expected to come in below their projections of canary rockfish take for the year. Therefore, the canary rockfish take is expected to be within the OY.

### **WIDOW ROCKFISH UPDATE**

Bycatch scorecard adjustments to the bycatch limit for widow rockfish in the non-tribal whiting sectors have been adjusted from 200 mt to 220 mt per the Council's recommendation under Agenda Item C.3.

### **TRIP LIMIT TABLES**

Draft trip limit tables adjusted based on recommendations from Agenda Item C.3 are attached to this statement.

### **GMT RECOMMENDATIONS**

1. Recommend that NMFS reduce the bycatch limit for the non-tribal whiting fishery to 4.0 mt if the survey has an unexpectedly high take of canary rockfish between 41° N. latitude and 40°10' N. latitude, otherwise, the Council should recommend an appropriate bycatch limit.

PFMC  
09/15/06

SCENARIO 1) BASED ON HIGH RESEARCH CANARY CATCH

SCENARIO 2) BASED ON LOW RESEARCH CANARY CATCH

Estimated Total Mortality Impacts Updated with 2006 OY levels - Proposed September Trawl Adjustments

9/15/2006 9:26

Fishery	Bocaccio a/	Canary	Cowcod	Dkbl	POP	Widow	Yelloweye
Limited Entry Trawl- Non-whiting	57.5	7.3	2.5	162.5	57.0	0.6	0.1
Limited Entry Trawl- Whiting							
At-sea whiting motherships					1.0		0.0
At-sea whiting cat-proc		4.0		25.0	2.9	220.0	0.0
Shoreside whiting					1.8		0.0
Tribal whiting		1.6		0.0	0.6	6.1	0.0
Tribal							
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
Limited Entry Fixed Gear	13.4	1.2	0.1	1.3	0.4	0.5	2.9
Open Access: Directed Groundfish	10.6	2.8	0.1	0.2	0.1	0.1	3.0
Open Access: Incidental Groundfish							
CA Halibut	0.1	0.1		0.0	0.0		
CA Gillnet b/	0.5			0.0	0.0	0.0	
CA Sheephead b/				0.0	0.0	0.0	0.0
CPS- wetfish b/	0.3						
CPS- squid c/							
Dungeness crab b/	0.0		0.0	0.0	0.0		
HMS b/		0.0	0.0	0.0			0.0
Pacific Halibut b/	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)							
Recreational Groundfish d/							
WA		8.0					6.7
OR						1.4	
CA	98.0	9.3	0.4			8.0	3.7
Research: Includes NMFS trawl shelf-slope surveys, the IPHC halibut survey, and expected impacts from SRPs and LOAs.							
	2.0	8.5	0.1	3.8	3.6	0.9	2.0
Non-EFP Total	182.8	47.1	3.2	192.9	71.1	278.0	21.1
EFPs e/							
CA early season whiting S. of 40°10'	0.3	0.0	0.0	0.0	0.0	0.0	0.0
EFP Subtotal	0.3	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	183.1	47.1	3.2	192.9	71.1	278.0	21.1
2006 OY	309	47.1	4.2	200	447	289	27
Difference	125.9	0.0	1.0	7.1	375.9	11.1	5.9
Percent of OY	59.3%	99.9%	76.2%	96.4%	15.9%	96.2%	78.0%
Key	= either not applicable; trace amount (<0.01 mt); or not reported in available data						

Canary
7.3
4.7
1.6
1.8
0.8
0.5
0.3
1.2
2.8
0.1
0.0
0.0
0.1
0.0
0.0
0.2
0.0
8.0
9.3
7.8
47.1
0.0
0.0
47.1
47.1
0.0
99.9%

a/ South of 40°10' N. lat.

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

c/ 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).

d/ Values for yelloweye in California represent specified harvest guidelines.

e/ Values are proposed EFP bycatch caps, not estimates of total mortality. The EFP is terminated inseason if the cap is projected to be attained early.

**Table 3 (North) to Part 660, Subpart G -- 2006 Trip Limits for Limited Entry Trawl Gear North of 40°10' N. Lat.**

Other Limits and Requirements Apply -- Read § 660.301 - § 660.390 before using this table

62006

	JAN	FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
<b>Rockfish Conservation Area (RCA)<sup>6/</sup>:</b>							
North of 40°10' N. lat.	75 fm - modified 200 fm <sup>7/</sup>		75 - 200 fm		100 - 250 fm	75 fm - 250 fm	75 fm - modified 250 fm <sup>7/</sup>

Selective flatfish trawl gear is required shoreward of the RCA; all trawl gear (large footrope, selective flatfish trawl, and small footrope trawl gear) is permitted seaward of the RCA. Midwater trawl gear is permitted only for vessels participating in the primary whiting season.

**See § 660.370 and § 660.381 for Additional Gear, Trip Limit, and Conservation Area Requirements and Restrictions.  
See §§ 660.390-660.394 for Conservation Area Descriptions and Coordinates (including RCAs, YRCA, CCAs, Farallon Islands, and Cordell Banks).**

State trip limits may be more restrictive than federal trip limits, particularly in waters off Oregon and California.

1	<b>Minor slope rockfish<sup>2/</sup> &amp; Darkblotched rockfish</b>	2,000 lb/ month	4,000 lb/ 2 months		1,000 lb/ 2 months			
2	<b>Pacific ocean perch</b>	1,500 lb/ month	3,000 lb/ 2 months					
3	<b>DTS complex</b>							
4	<b>Sablefish</b>							
5	large & small footrope gear	7,000 lb/ month	14,000 lb/ 2 months	20,000 lb/ 2 months				
6	selective flatfish trawl gear	2,500 lb/ month	7,000 lb/ 2 months	13,500 lb/ 2 months	7,000 lb/ 2 months	5,000 lb/ 2 months		
7	multiple bottom trawl gear <sup>8/</sup>	2,500 lb/ month	7,000 lb/ 2 months	13,500 lb/ 2 months	7,000 lb/ 2 months	5,000 lb/ 2 months		
8	<b>Longspine thornyhead</b>							
9	large & small footrope gear	7,500 lb/ month	15,000 lb/ 2 months	23,000 lb/ 2 months			15,000 lb/ 2 months	
10	selective flatfish trawl gear	1,500 lb/ month	3,000 lb/ 2 months					
11	multiple bottom trawl gear <sup>8/</sup>	1,500 lb/ month	3,000 lb/ 2 months					
12	<b>Shortspine thornyhead</b>							
13	large & small footrope gear	2,000 lb/ month	4,000 lb/ 2 months	5,800 lb/ 2 months	7,500 lb / 2 months		4,000 lb/ 2 months	
14	selective flatfish trawl gear	1,500 lb/ month	3,000 lb/ 2 months					
15	multiple bottom trawl gear <sup>8/</sup>	1,500 lb/ month	3,000 lb/ 2 months					
16	<b>Dover sole</b>							
17	large & small footrope gear	25,000 lb/ month	50,000 lb/ 2 months	35,000 lb/ 2 months				
18	selective flatfish trawl gear	10,000 lb/ month	28,000 lb/ 2 months				20,000 lb/ 2 months	
19	multiple bottom trawl gear <sup>8/</sup>	10,000 lb/ month	28,000 lb/ 2 months				20,000 lb/ 2 months	

**TABLE 3 (North)**

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Table 3 (North). Continued

20	<b>Flatfish</b> (except Dover sole)				
21	Other flatfish <sup>3/</sup> , English sole & Petrale sole				
22	large & small footrope gear for Other flatfish <sup>3/</sup> & English sole	55,000 lb/ month	110,000 lb/ 2 months, no more than 30,000 lb/ 2 months of which may be petrale sole.		110,000 lb/ 2 months
23	large & small footrope gear for Petrale sole	30,000 lb/ month			70,000 lb/ 2 months
24	selective flatfish trawl gear for Other flatfish <sup>3/</sup> & English sole	45,000 lb/ month	90,000 lb/ 2 months, no more than 25,000 lb/ 2 months of which may be petrale sole.	90,000 lb/ 2 months, no more than 28,000 lb/ 2 months of which may be petrale sole.	90,000 lb/ 2 months, no more than 25,000 lb/ 2 months of which may be petrale sole.
25	selective flatfish trawl gear for Petrale sole	12,500 lb/ month			
26	multiple bottom trawl gear <sup>8/</sup>	Other flatfish <sup>3/</sup> and English sole: 45,000 lb/ month Petrale sole: 12,500 lb/ month	90,000 lb/ 2 months, no more than 25,000 lb/ 2 months of which may be petrale sole.	90,000 lb/ 2 months, no more than 28,000 lb/ 2 months of which may be petrale sole.	Other flatfish <sup>3/</sup> and English sole: 90,000 lb/ 2 months Petrale sole: 25,000 lb/ 2 months
27	<b>Arrowtooth flounder</b>				
28	large & small footrope gear	50,000 lb/ month	100,000 lb/ 2 months		
29	selective flatfish trawl gear	40,000 lb/ month	80,000 lb/ 2 months		
30	multiple bottom trawl gear <sup>8/</sup>	40,000 lb/ month	80,000 lb/ 2 months		
31	<b>Whiting</b>				
32	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			
33	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			
34	<b>Minor shelf rockfish<sup>1/</sup>, Shortbelly, Widow &amp; Yelloweye rockfish</b>				
35	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			
36	large & small footrope gear	150 lb/ month	300 lb/ 2 months		
37	selective flatfish trawl gear	300 lb/ month	1,000 lb/ month, no more than 200 lb/ month of which may be yelloweye rockfish	300 lb/ month	
38	multiple bottom trawl gear <sup>8/</sup>	300 lb/ month	300 lb/ 2 months, no more than 200 lb/ month of which may be yelloweye rockfish	300 lb/ month	

TABLE 3 (North) cont'



Table 3 (North). Continued

39	<b>Canary rockfish</b>				
40	large & small footrope gear	CLOSED			
41	selective flatfish trawl gear	100 lb/ month	300 lb/ month	100 lb/ month	
42	multiple bottom trawl gear <sup>8/</sup>	CLOSED			
43	<b>Yellowtail</b>				
44	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			
45	large & small footrope gear	150 lb/ month	300 lb/ 2 months		
46	selective flatfish trawl gear	1,000 lb/ month	2,000 lb/ 2 months		
47	multiple bottom trawl gear <sup>8/</sup>	150 lb/ month	300 lb/ 2 months		
48	<b>Minor nearshore rockfish &amp; Black rockfish</b>				
49	large & small footrope gear	CLOSED			
50	selective flatfish trawl gear	300 lb/ month			
51	multiple bottom trawl gear <sup>8/</sup>	CLOSED			
52	<b>Lingcod <sup>4/</sup></b>				
53	large & small footrope gear	600 lb/ month	1,200 lb/ 2 months		
54	selective flatfish trawl gear				
55	multiple bottom trawl gear <sup>8/</sup>				
56	<b>Pacific cod</b>	Not limited	30,000 lb/ 2 months	70,000 lb/ 2 months	30,000 lb/ 2 months
57	<b>Spiny dogfish</b>	Not limited	200,000 lb/ 2 months	150,000 lb/ 2 months	100,000 lb/ 2 months
58	<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 sole, rock sole, sand sole, and starry flounder.

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 contours but specifically defined by lat/long coordinates set out at § 660.390.

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 (either simultaneously or successively), the most restrictive cumulative limit for any gear on board during the cumulative limit period applies for the entire cumulative limit period.

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

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**Table 3 (South) to Part 660, Subpart G -- 2006 Trip Limits for Limited Entry Trawl Gear South of 40°10' N. Lat.**

Other Limits and Requirements Apply -- Read § 660.301 - § 660.390 before using this table

62006

	JAN	FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC	
<b>Rockfish Conservation Area (RCA)<sup>6/</sup>:</b>								
40°10' - 38° N. lat.	75 fm - 150 fm		100 fm - 150 fm		100 fm - 200 fm	100 fm - 250 fm	75 fm - modified 250 fm <sup>7/</sup>	
38° - 34°27' N. lat.	75 fm - 150 fm		100 fm - 150 fm				75 fm - 150 fm	
South of 34°27' N. lat.	75 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands		100 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands				75 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands	
Small footrope gear is required shoreward of the RCA; all trawl gear (large footrope, midwater trawl, and small footrope gear) is permitted seaward of the RCA.								
See § 660.370 and § 660.381 for Additional Gear, Trip Limit, and Conservation Area Requirements and Restrictions. See §§ 660.390-660.394 for Conservation Area Descriptions and Coordinates (including RCAs, YRCA, CCAs, Farallon Islands, and Cordell Banks).								
State trip limits may be more restrictive than federal trip limits, particularly in waters off Oregon and California.								
<b>1 Minor slope rockfish<sup>2/</sup> &amp; Darkblotched rockfish</b>								
2	40°10' - 38° N. lat.	4,000 lb/ month	8,000 lb/ 2 months		1,000 lb/ 2 months			
3	South of 38° N. lat.	20,000 lb/ month	40,000 lb/ 2 months					
<b>4 Splitnose</b>								
5	40°10' - 38° N. lat.	4,000 lb/ month	8,000 lb/ 2 months		1,000 lb/ 2 months			
6	South of 38° N. lat.	20,000 lb/ month	40,000 lb/ 2 months					
<b>7 DTS complex</b>								
8	Sablefish	8,500 lb/ month	17,000 lb/ 2 months				20,000 lb/ 2 months	
9	Longspine thornyhead	9,500 lb / month	19,000 lb/ 2 months					
<b>10 Shortspine thornyhead</b>								
	40°10' - 38° N. lat.	2,450 lb/ month	4,900 lb/ 2 months		7,500 lb/ 2 months	4,900 lb/ 2 months		
	South of 38° N. lat.				4,900 lb/ 2 months			
11	Dover sole	25,000 lb/ month	50,000 lb/ 2 months	35,000 lb/ 2 months				
<b>12 Flatfish (except Dover sole)</b>								
<b>13 Other flatfish<sup>3/</sup> &amp; English sole</b>								
14	40°10' - 38° N. lat.	55,000 lb/ month	Other flatfish, English sole & Petrale sole: 110,000 lb/ 2 months, no more than 30,000 lb/ 2 months of which may be petrale sole.				110,000 lb/ 2 months	
15	South of 38° N. lat.						70,000 lb/ 2 months	
16	Petrable sole	30,000 lb/ month					70,000 lb/ 2 months	

**TABLE 3 (South)**





Table 3 (South). Continued

17	Arrowtooth flounder				
18	40°10' - 38° N. lat.	5,000 lb/ month	10,000 lb/ 2 months		
19	South of 38° N. lat.				
20	<b>Whiting</b>				
21	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			
22	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			
23	<b>Minor shelf rockfish<sup>1/</sup>, Chilipepper, Shortbelly, Widow, &amp; Yelloweye rockfish</b>				
24	large footrope or midwater trawl for Minor shelf rockfish & Shortbelly	300 lb/ month			
25	large footrope or midwater trawl for Chilipepper	1,000 lb/ months	2,000 lb/ 2 months	12,000 lb/ 2 months	8,000 lb/ 2 months
26	large footrope or midwater trawl for Widow & Yelloweye	CLOSED			
27	small footrope trawl for Minor Shelf, Shortbelly, Widow & Yelloweye	300 lb/ month		300 lb/ month	
28	small footrope trawl for Chilipepper			500 lb/ month	
29	<b>Bocaccio</b>				
30	large footrope or midwater trawl	150 lb/ month	300 lb/ 2 months		
31	small footrope trawl	CLOSED			
32	<b>Canary rockfish</b>				
33	large footrope or midwater trawl	CLOSED			
34	small footrope trawl	100 lb/ month	300 lb/ month	100 lb/ month	
35	<b>Cowcod</b>	CLOSED			
36	<b>Minor nearshore rockfish &amp; Black rockfish</b>				
37	large footrope or midwater trawl	CLOSED			
38	small footrope trawl	300 lb/ month			
39	<b>Lingcod<sup>4/</sup></b>				
40	large footrope or midwater trawl	600 lb/ month	1,200 lb/ 2 months		
41	small footrope trawl				
42	<b>Pacific cod</b>	Not limited	30,000 lb/ 2 months	70,000 lb/ 2 months	30,000 lb/ 2 months
43	<b>Spiny dogfish</b>	Not limited	200,000 lb/ 2 months	150,000 lb/ 2 months	100,000 lb/ 2 months
44	<b>Other Fish<sup>5/</sup> &amp; Cabezon</b>	Not limited			

TABLE 3 (South) cont

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, rock sole, sand sole, and starry flounder.

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 § 660.390.

7/ 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.



**Table 4 (North) to Part 660, Subpart G -- 2006 Trip Limits for Limited Entry Fixed Gear North of 40°10' N. Lat.**

**Other Limits and Requirements Apply -- Read § 660.301 - § 660.390 before using this table**

42006

	JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
<b>Rockfish Conservation Area (RCA)<sup>6/</sup> :</b>						
North of 46°16' N. lat.	shoreline - 100 fm					
46°16' N. lat. - 40°10' N. lat.	30 fm - 100 fm					
See § 660.370 and § 660.382 for Additional Gear, Trip Limit, and Conservation Area Requirements and Restrictions. See §§ 660.390-660.394 for Conservation Area Descriptions and Coordinates (including RCAs, YRCA, CCAs, Farallon Islands, and Cordell Banks).						
State trip limits may be more restrictive than federal trip limits, particularly in waters off Oregon and California.						
1 <b>Minor slope rockfish<sup>2/</sup> &amp; Darkblotched rockfish</b>	4,000 lb/ 2 months					
2 <b>Pacific ocean perch</b>	1,800 lb/ 2 months					
3 <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					
4 <b>Longspine thornyhead</b>	10,000 lb/ 2 months					
5 <b>Shortspine thornyhead</b>	2,000 lb/ 2 months					
6 <b>Dover sole</b>	5,000 lb/ month		South of 42o 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 1 lb (0.45 kg) of weight per line are not subject to the RCAs.			
7 <b>Arrowtooth flounder</b>	South of 42o 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 1 lb (0.45 kg) weights per line are not subject to the RCAs.					
8 <b>Petrale sole</b>						
9 <b>English sole</b>						
10 <b>Other flatfish<sup>1/</sup></b>						
11 <b>Whiting</b>	10,000 lb/ trip					
12 <b>Minor shelf rockfish<sup>2/</sup>, Shortbelly, Widow, &amp; Yellowtail rockfish</b>	200 lb/ month					
13 <b>Canary rockfish</b>	CLOSED					
14 <b>Yelloweye rockfish</b>	CLOSED					
15 <b>Minor nearshore rockfish &amp; Black rockfish</b>						
16 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>					
17 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>					
18 <b>Lingcod<sup>4/</sup></b>	CLOSED		800 lb/ 2 months		CLOSED	
19 <b>Pacific cod</b>	Not limited	1,000 lb/ 2 months				
20 <b>Spiny dogfish</b>	Not limited	200,000 lb/ 2 months	150,000 lb/ 2 months	100,000 lb/ 2 months		
21 <b>Other fish<sup>5/</sup></b>	Not limited					

**TABLE 4 (North)**

1/ "Other flatfish" are defined at § 660.302 and include butter sole, curfin sole, flathead sole, Pacific sanddab, rex sole, rock sole, sand sole, and starry flounder.

2/ 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 Leadbetter Pnt. (46°38.17' N. lat.), there is an additional limit of 100 lb or 30 percent by weight of all fish on board, whichever is greater, per vessel, per fishing trip

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 contours but specifically defined by lat/long coordinates set out at § 660.390.

**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 -- 2006 Trip Limits for Limited Entry Fixed Gear South of 40°10' N. Lat.**

Other Limits and Requirements Apply -- Read § 660.301 - § 660.390 before using this table

62006

	JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
<b>Rockfish Conservation Area (RCA)<sup>5/</sup> :</b>						
40°10' - 34°27' N. lat.	30 fm - 150 fm		20 fm - 150 fm		30 fm - 150 fm	
South of 34°27' N. lat.	60 fm - 150 fm (also applies around islands)					
See § 660.370 and § 660.382 for Additional Gear, Trip Limit, and Conservation Area Requirements and Restrictions. See §§ 660.390-660.394 for Conservation Area Descriptions and Coordinates (including RCAs, YRCA, CCAs, Farallon Islands, and Cordell Banks).						
State trip limits may be more restrictive than federal trip limits, particularly in waters off Oregon and California.						
1 <b>Minor slope rockfish<sup>2/</sup> &amp; Darkblotched rockfish</b>	40,000 lb/ 2 months					
2 <b>Splitnose</b>	40,000 lb/ 2 months					
3 <b>Sablefish</b>						
4 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					
5 South of 36° N. lat.	350 lb/ day, or 1 landing per week of up to 1,050 lb					500 lb/ day, or 1 landing per week of up to 1,050 lb
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					
9 <b>Arrowtooth flounder</b>	South of 42o 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 1 lb (0.45 kg) of weight per line are not subject to the RCAs.					
10 <b>Petrale sole</b>						
11 <b>English sole</b>						
12 <b>Other flatfish<sup>1/</sup></b>						
13 <b>Whiting</b>	10,000 lb/ trip					
14 <b>Minor shelf rockfish<sup>2/</sup>, Shortbelly, &amp; Widow rockfish</b>						
15 40°10' - 34°27' N. lat.	300 lb/ 2 months	CLOSED	200 lb/ 2 months	300 lb/ 2 months		
16 South of 34°27' N. lat.	3,000 lb/ 2 months					
17 <b>Chillipepper rockfish</b>	2,000 lb/ 2 months, this opportunity only available seaward of the nontrawl RCA					
18 <b>Canary rockfish</b>	CLOSED					
19 <b>Yelloweye rockfish</b>	CLOSED					
20 <b>Cowcod</b>	CLOSED					
21 <b>Bocaccio</b>						
22 40°10' - 34°27' N. lat.	200 lb/ 2 months	CLOSED	100 lb/ 2 months	300 lb/ 2 months		
23 South of 34°27' N. lat.	300 lb/ 2 months		300 lb/ 2 months			
24 <b>Minor nearshore rockfish &amp; Black rockfish</b>						
25 Shallow nearshore	300 lb/ 2 months	CLOSED	500 lb/ 2 months	600 lb/ 2 months	500 lb/ 2 months	300 lb/ 2 months
26 Deeper nearshore						
27 40°10' - 34°27' N. lat.	500 lb/ 2 months	CLOSED	500 lb/ 2 months			
28 South of 34°27' N. lat.			600 lb/ 2 months			400 lb/ 2 months
29 California scorpionfish	300 lb/ 2 months	CLOSED	300 lb/ 2 months	400 lb/ 2 months		300 lb/ 2 months

TABLE 4 (South)

Table 4 (South). Continued

30 <b>Lingcod<sup>3/</sup></b>	CLOSED		800 lb/ 2 months		CLOSED	
31 <b>Pacific cod</b>	Not limited	1,000 lb/ 2 months				
32 <b>Spiny dogfish</b>	Not limited	200,000 lb/ 2 months	150,000 lb/ 2 months	100,000 lb/ 2 months		
33 <b>Other fish<sup>4/</sup> &amp; Cabezon</b>	Not limited					

TABLE 4 (South) cont'

1/ "Other flatfish" are defined at § 660.302 and include butter sole, curfin sole, flathead sole, Pacific sanddab, rex sole, rock sole, sand sole, and starry flounder.

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

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 but specifically defined by lat/long coordinates set out at § 660.390.

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 -- 2006 Trip Limits for Open Access Gears North of 40°10' N. Lat.

Other Limits and Requirements Apply -- Read § 660.301 - § 660.390 before using this table

42006

	JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
<b>Rockfish Conservation Area (RCA)</b> <sup>6/</sup> :						
North of 46°16' N. lat.	shoreline - 100 fm					
46°16' N. lat. - 40°10' N. lat.	30 fm - 100 fm					
See § 660.370 and § 660.383 for Additional Gear, Trip Limit, and Conservation Area Requirements and Restrictions. See §§ 660.390-660.394 for Conservation Area Descriptions and Coordinates (including RCAs, YRCA, CCAs, Farallon Islands, and Cordell Banks).						
State trip limits may be more restrictive than federal trip limits, particularly in waters off Oregon and California.						
1 <b>Minor slope rockfish</b> <sup>1/</sup> & <b>Darkblotched rockfish</b>	Per trip, no more than 25% of weight of the sablefish landed					
2 <b>Pacific ocean perch</b>	100 lb/ month					
3 <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	300 lb/ day, or 1 landing per week of up to 1,000 lb, not to exceed 3,000 lb/ 2 months			CLOSED	
4 <b>Thornyheads</b>	CLOSED					
5 <b>Dover sole</b>	3,000 lb/month, no more than 300 lb of which may be species other than Pacific sanddabs. South of 42o 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 1 lb (0.45 kg) of weights per line are not subject to the RCAs.		3,000 lb/month, no more than 300 lb of which may be species other than Pacific sanddabs. South of 42o 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.			
6 <b>Arrowtooth flounder</b>						
7 <b>Petrale sole</b>						
8 <b>English sole</b>						
9 <b>Other flatfish</b> <sup>2/</sup>						
10 <b>Whiting</b>	300 lb/ month					
11 <b>Minor shelf rockfish</b> <sup>1/</sup> , <b>Shortbelly, Widow, &amp; Yellowtail rockfish</b>	200 lb/ month					
12 <b>Canary rockfish</b>	CLOSED					
13 <b>Yelloweye rockfish</b>	CLOSED					
14 <b>Minor nearshore rockfish &amp; Black rockfish</b>						
15 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>					
16 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>					
17 <b>Lingcod</b> <sup>4/</sup>	CLOSED		300 lb/ month		CLOSED	
18 <b>Pacific cod</b>	Not limited	1,000 lb/ 2 months				
19 <b>Spiny dogfish</b>	Not limited	200,000 lb/ 2 months	150,000 lb/ 2 months	100,000 lb/ 2 months		
20 <b>Other Fish</b> <sup>5/</sup>	Not limited					

TABLE 5 (North)

Table 5 (North). Continued

21 <b>PINK SHRIMP NON-GROUNDFISH TRAWL</b> (not subject to RCAs)						
22 North	<p><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 species-specific limits. The amount of groundfish landed may not exceed the amount of pink shrimp landed.</p>					
23 <b>SALMON TROLL</b>						
24 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 restrictions listed in the table above.					

TABLE 5 (North) cont

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, curflin sole, flathead sole, Pacific sanddab, rex sole, rock sole, sand sole, and starry flounder.

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°38.17' N. lat.), 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 trip.

4/ The 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 contours but specifically defined by lat/long coordinates set out at § 660.390.

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 -- 2006 Trip Limits for Open Access Gears South of 40°10' N. Lat.**

Other Limits and Requirements Apply -- Read § 660.301 - § 660.390 before using this table

62006

		JAN-FEB	MAR-APR	MAY-JUN	JUL-AUG	SEP-OCT	NOV-DEC
<b>Rockfish Conservation Area (RCA)</b> <sup>5/</sup> :							
40°10' - 34°27' N. lat.		30 fm - 150 fm		20 fm - 150 fm		30 fm - 150 fm	
South of 34°27' N. lat.		60 fm - 150 fm (also applies around islands)					
<p>See § 660.370 and § 660.383 for Additional Gear, Trip Limit, and Conservation Area Requirements and Restrictions.                      See §§ 660.390-660.394 for Conservation Area Descriptions and Coordinates (including RCAs, YRCA, CCAs, Farallon Islands, and Cordell Banks).</p>							
<p>State trip limits may be more restrictive than federal trip limits, particularly in waters off Oregon and California.</p>							
1	<b>Minor slope rockfish</b> <sup>1/</sup> & <b>Darkblotched rockfish</b>						
2	40°10' - 38° N. lat.	Per trip, no more than 25% of weight of the sablefish landed					
3	South of 38° N. lat.	10,000 lb/ 2 months					
4	<b>Splitnose</b>	200 lb/ month					
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	300 lb/ day, or 1 landing per week of up to 1,000 lb, not to exceed 3,000 lb/ 2 months		CLOSED		
7	South of 36° N. lat.	350 lb/ day, or 1 landing per week of up to 1,050 lb				500 lb/ day, or 1 landing per week of up to 1,050 lb	
8	<b>Thornyheads</b>						
9	40°10' - 34°27' N. lat.	CLOSED					
10	South of 34°27' N. lat.	50 lb/ day, no more than 1,000 lb/ 2 months					
11	<b>Dover sole</b>	3,000 lb/month, no more than 300 lb of which may be species other than Pacific sanddabs. South of 42o 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 1 lb (0.45 kg) of weight per line are not subject to the RCAs.		3,000 lb/month, no more than 300 lb of which may be species other than Pacific sanddabs. South of 42o 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.			
12	<b>Arrowtooth flounder</b>						
13	<b>Petrale sole</b>						
14	<b>English sole</b>						
15	<b>Other flatfish</b> <sup>2/</sup>						
16	<b>Whiting</b>	300 lb/ month					
17	<b>Minor shelf rockfish</b> <sup>1/</sup> , <b>Shortbelly</b> , <b>Widow &amp; Chilipepper rockfish</b>						
18	40°10' - 34°27' N. lat.	300 lb/ 2 months	CLOSED	200 lb/ 2 months	300 lb/ 2 months		
19	South of 34°27' N. lat.	750 lb/ 2 months					
20	<b>Canary rockfish</b>	CLOSED					
21	<b>Yelloweye rockfish</b>	CLOSED					
22	<b>Cowcod</b>	CLOSED					
23	<b>Bocaccio</b>						
24	40°10' - 34°27' N. lat.	200 lb/ 2 months	CLOSED	100 lb/ 2 months	200 lb/ 2 months		
25	South of 34°27' N. lat.	100 lb/ 2 months		100 lb/ 2 months			

**TABLE 5 (South)**



Table 5 (South). Continued

26	<b>Minor nearshore rockfish &amp; Black rockfish</b>						
27	Shallow nearshore	300 lb/ 2 months	CLOSED	500 lb/ 2 months	600 lb/ 2 months	500 lb/ 2 months	300 lb/ 2 months
28	Deeper nearshore						
29	40°10' - 34°27' N. lat.			500 lb/ 2 months			
30	South of 34°27' N. lat.	500 lb/ 2 months	CLOSED	600 lb/ 2 months		400 lb/ 2 months	
31	California scorpionfish	300 lb/ 2 months	CLOSED	300 lb/ 2 months	400 lb/ 2 months		300 lb/ 2 months
32	<b>Lingcod<sup>3/</sup></b>	CLOSED		300 lb/ month, when nearshore open		CLOSED	
33	<b>Pacific cod</b>	Not limited	1,000 lb/ 2 months				
34	<b>Spiny dogfish</b>	Not limited	200,000 lb/ 2 months	150,000 lb/ 2 months	100,000 lb/ 2 months		
35	<b>Other Fish<sup>4/</sup> &amp; Cabezon</b>	Not limited					
36	<b>RIDGEBACK PRAWN AND, SOUTH OF 38°57.50' N. LAT., CA HALIBUT AND SEA CUCUMBER NON-GROUNDFISH TRAWL</b>						
37	<b>NON-GROUNDFISH TRAWL Rockfish Conservation Area (RCA) for CA Halibut and Sea Cucumber:</b>						
38	40°10' - 38° N. lat.	75 fm - modified 200 fm <sup>7/</sup>	100 fm - 200 fm	100 fm - 150 fm	100 fm - 200 fm	100 fm - 250 fm	75 fm - modified 250 fm <sup>7/</sup>
39	38° - 34°27' N. lat.	75 fm - 150 fm	100 fm - 150 fm				75 fm - 150 fm
40	South of 34°27' N. lat.	75 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands	100 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands				75 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands
41	<b>NON-GROUNDFISH TRAWL Rockfish Conservation Area (RCA) for Ridgeback Prawn:</b>						
42	40°10' - 38° N. lat.	75 fm - modified 200 fm <sup>7/</sup>	100 fm - 200 fm	100 fm - 150 fm	100 fm - 200 fm	100 fm - 250 fm	75 fm - modified 250 fm <sup>7/</sup>
43	38° - 34°27' N. lat.	75 fm - 150 fm	100 fm - 150 fm				75 fm - 150 fm
44	South of 34°27' N. lat.	100 fm - 150 fm along the mainland coast; shoreline - 150 fm around islands					
45	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 °57'30" 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 sanddabs, sand sole, starry flounder, rock sole, curffin sole, or California scorpionfish (California scorpionfish is also subject to the trip limits and closures in line 31).						
46	<b>PINK SHRIMP NON-GROUNDFISH TRAWL GEAR</b> (not subject to RCAs)						
47	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 species-specific limits. The amount of groundfish landed may not exceed the amount of pink shrimp landed.					

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, curffin sole, flathead sole, Pacific sanddab, rex sole, rock sole, sand sole, and starry flounder.

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 specifically defined by lat/long coordinates set out at § 660.390.

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.

