



*National Marine Fisheries Service, Northwest Region*  
7600 Sand Point Way NE, Seattle, WA 98115



## **PUBLIC NOTICE**

For Information Contact:  
Bill Robinson (206) 526-6140  
Svein Fougner (562) 980-4000

NMFS-SEA-03-15  
FOR IMMEDIATE RELEASE  
September 2, 2003

### **PACIFIC COAST GROUND FISH FISHERY OFF SOUTHERN CALIFORNIA**

#### **Changes to Area Closures for Commercial Non-Trawl and Recreational Fisheries off Southern California; Corrections to Trawl and Non-trawl RCA Boundaries**

**Effective September 2, 2003**

This public notice applies only to fisheries south of 40°10' N. lat. The National Marine Fisheries Service (NMFS) announces changes to the closed areas affecting the limited entry fixed gear fleet, the open access non-trawl gear fleet and the recreational fishery in southern California (south of 34°27' N. lat. to the U.S./Mexico border). NMFS also announces several corrections to the existing Rockfish Conservation Area (RCA) boundaries affecting the commercial trawl and non-trawl fleets. All changes will be effective September 2, 2003. RCA boundary changes that are effective September 2, 2003, for the trawl "A" platoon are effective September 16, 2003, for the "B" platoon.

At their June 16-20, 2003 meeting in Foster City, California, the Pacific Fishery Management Council (Pacific Council) recommended changes to current groundfish management measures. Most changes were implemented on July 1, 2003 (68 FR 40187, July 7, 2003). Creating a new 30 fm boundary line in southern California was delayed because of the need for additional analysis prior to implementation and because estimated impacts on canary rockfish were too high with implementation before September 1, 2003. The conservation area boundary line affecting the commercial non-trawl fisheries (limited entry

fixed gear and open access non-trawl) and the recreational fishery is moved from 20 fm to 30 fm south of 34°27' N. lat, except in the Cowcod Conservation Area (CCA) where the boundary will remain at 20 fm. [Note: The CCAs are distinct closed areas separate from the non-trawl RCA.]

#### **New 30 fm Boundary Line affecting the Limited Entry Fixed Gear, Open Access Non-trawl Gear, and Recreational Fleets in Southern California**

Beginning in 2003, the limited entry fixed gear and open access non-trawl fleets in California have been severely constrained by low trip limits and limited nearshore fishing opportunities, with the non-trawl RCA (the area closed to most fishing with non-trawl gear) extending from the 20 fm depth contour to latitude and longitude coordinates approximating the 150 fm depth contour. These management measures were designed to limit the incidental take of bocaccio rockfish and

Visit the NMFS Northwest Region website for current groundfish management regulations, information, and RCA boundary coordinates and maps .

<http://www.nwr.noaa.gov/1sustfish/gdfsh01.htm>

keep the catch of bocaccio within its 2003 optimum yield (OY) of no more than 20 mt. The recreational fishing fleet in California has also been similarly constrained, by a reduced season length (July - December) and has generally been restricted to fishing inshore of the 20-fm depth contour, to minimize the incidental take of bocaccio and other overfished rockfish species.

Taking into account the most recent bocaccio stock assessment information released in May 2003 that shows an improvement in the status of the stock and taking into account the economic hardship resulting from restrictive management measures necessary to keep the incidental catch of bocaccio within its 2003 OY, the Pacific Council recommended that the 2003 bocaccio OY be flexible enough to allow for a modest increase in nearshore fishing opportunity. Based on the Pacific Council's recommendations, NMFS is implementing the following management measures for the months of September through December:

- ***For the limited entry fixed gear and open access non-trawl gear fleets***, south of 34°27' N. lat. to the U.S./Mexico border, the eastern, inshore boundary of the non-trawl RCA, an area closed to fishing by those fisheries, will be a boundary line approximating the 30 fm depth contour along the mainland coast, around the Channel Islands, and around seamounts, except in the Cowcod Conservation Areas (CCAs) where the inshore boundary will remain at 20 fm [Note: The CCAs are distinct closed areas separate from the non-trawl RCA]. The western, seaward boundary of the non-trawl RCA will remain at a line approximating 150 fm. Between 40°10' N. lat. and 34°27' N. lat., the eastern, shoreward boundary of the non-trawl RCA remains at a boundary line approximating the 20 fm depth contour.
- ***For the recreational fishery***, south of 34°27' N. lat. to the U.S./Mexico border, the seaward boundary of the open area will be

marked by a boundary line approximating the 30 fm depth contour along the mainland coast, around the Channel Islands, and around seamounts, except in the CCAs where the boundary will remain at 20 fm. Between 40°10' N. lat. and 34°27' N. lat., recreational fishing is still prohibited seaward of the 20 fm depth contour, except that recreational fishing for sanddabs is permitted seaward of the 20 fm depth contour.

Coordinates for the new boundary line approximating the 30 fm depth contour for the limited entry fixed gear fleet, the open access non-trawl gear fleet and recreational fleet are available later in this document under the heading "Coordinates for Boundary Lines."

Trip limit tables for southern California south of 40°10' N. lat. (Table 3 (South), Table 4 (South) and Table 5 (South)) are included at the end of this public notice. Table 4 (South) and Table 5 (South) reflect the non-trawl RCA changes.

### **Corrections**

In addition to creating new 30 fm RCA boundaries along the mainland coast, around the Channel Islands, and around seamounts off the state of California, corrections to existing RCA boundaries are also being implemented effective September 2, 2003. The first correction is to the 200 fm coastwide trawl RCA boundary. In areas off the state of California, the 200 fm trawl RCA boundary was found to extend into waters as deep as 300 fm. This resulted in the groundfish trawl fleet being prohibited from fishing in areas where fishing with trawl gear should be permitted. Therefore, to better align the 200 fm trawl RCA boundary with the 200 fm depth contour, several of the coordinates for the 200 fm trawl RCA boundary were corrected. Coordinates for the trawl RCA boundary line approximating the 200 fm depth contour for the limited entry trawl and open access exempted trawl fleet are available later in this document under the heading "Coordinates for Boundary Lines."

Throughout 2003, NMFS has clearly specified trawl RCA boundaries around islands and seamounts off California, however, NMFS has not clearly specified the non-trawl RCA boundaries around those same islands and seamounts. To correct this oversight non-trawl RCA boundaries around islands and seamounts off California are now specified in the trip limit tables (Table 4 (South) and Table 5 (South)).

With the creation of the new 30 fm RCA boundaries off California, coordinates were generated for additional islands (i.e., the northern Channel Islands) off California as well as the southern California islands that previously had trawl RCA boundaries. The 30 fm RCA boundaries off the northern Channel Islands incorporate the state marine protected areas which are also closed to fishing.

Through the process of reviewing maps of and bathymetry data for these islands, the state of California requested two name changes. This emergency rules addresses the name change by more appropriately referring to the Orange County Seamount as Lasuen Knoll and referring to Mira's San Diego Rise as San Diego Rise.

Additionally, RCA boundaries had been unnecessarily generated for two of the southern Channel Islands, specifically Santa Barbara Island and San Nicholas Island. After closely reviewing maps of these islands, the state of California realized that these islands fall completely within the Western CCA, therefore, groundfish fishing is already prohibited around those islands seaward of the 20 fm depth contour. To help minimize the number of RCA boundary coordinates, California requested that the RCA boundaries around Santa Barbara Island and San Nicholas island be removed. In light of these corrections and in an effort to be clear about which islands belong to which island groupings, the northern Channel islands include San Miguel, Santa Rosa, Santa Cruz, and Anacapa; the southern Channel islands include Santa Catalina Island and San Clemente Island; and the seamounts include Lasuen Knoll and

San Diego Rise.

### **Coordinates for Boundaries Lines**

This section contains coordinates for the following boundary lines: 30 fm recreational and non-trawl RCA along the coast, 30 fm recreational and non-trawl RCA around the northern Channel islands, 30 fm recreational and non-trawl RCA around the southern Channel islands and seamounts, 150 fm non-trawl RCA around islands and seamounts, 200 fm trawl RCA coastwide, 200 fm trawl RCA around islands and seamounts.

#### ● ***30 fm Recreational and Non-trawl RCA along the Southern California Coast***

The 30 fm depth contour between 34°27' N. lat. and the U.S. border with Mexico is defined by straight lines connecting all of the following points in the order stated:

- (1) 34°27.00' N. lat., 120°30.31' W. long.;
- (2) 34°25.84' N. lat., 120°27.04' W. long.;
- (3) 34°25.16' N. lat., 120°20.18' W. long.;
- (4) 34°25.88' N. lat., 120°18.24' W. long.;
- (5) 34°27.26' N. lat., 120°12.47' W. long.;
- (6) 34°26.27' N. lat., 120°02.22' W. long.;
- (7) 34°23.41' N. lat., 119°53.04' W. long.;
- (8) 34°23.33' N. lat., 119°48.74' W. long.;
- (9) 34°22.31' N. lat., 119°41.36' W. long.;
- (10) 34°21.72' N. lat., 119°40.14' W. long.;
- (11) 34°21.25' N. lat., 119°41.18' W. long.;
- (12) 34°20.25' N. lat., 119°39.03' W. long.;
- (13) 34°19.87' N. lat., 119°33.65' W. long.;
- (14) 34°18.67' N. lat., 119°30.16' W. long.;
- (15) 34°16.95' N. lat., 119°27.09' W. long.;
- (16) 34°13.02' N. lat., 119°26.99' W. long.;
- (17) 34°08.62' N. lat., 119°20.89' W. long.;
- (18) 34°06.95' N. lat., 119°17.68' W. long.;
- (19) 34°05.93' N. lat., 119°15.17' W. long.;
- (20) 34°08.42' N. lat., 119°13.11' W. long.;
- (21) 34°05.23' N. lat., 119°13.34' W. long.;
- (22) 34°04.98' N. lat., 119°11.39' W. long.;
- (23) 34°04.55' N. lat., 119°11.09' W. long.;
- (24) 34°04.15' N. lat., 119°09.35' W. long.;
- (25) 34°04.89' N. lat., 119°07.86' W. long.;
- (26) 34°04.08' N. lat., 119°07.33' W. long.;
- (27) 34°04.01' N. lat., 119°06.89' W. long.;
- (28) 34°05.08' N. lat., 119°07.02' W. long.;

- (29) 34°05.27' N. lat., 119°04.95' W. long.;
- (30) 34°04.51' N. lat., 119°04.07' W. long.;
- (31) 34°02.26' N. lat., 118°59.88' W. long.;
- (32) 34°01.08' N. lat., 118°59.77' W. long.;
- (33) 34°00.94' N. lat., 118°51.65' W. long.;
- (34) 33°59.77' N. lat., 118°49.26' W. long.;
- (35) 34°00.04' N. lat., 118°48.92' W. long.;
- (36) 33°59.65' N. lat., 118°48.43' W. long.;
- (37) 33°59.46' N. lat., 118°47.25' W. long.;
- (38) 33°59.08' N. lat., 118°45.89' W. long.;
- (39) 34°00.21' N. lat., 118°37.64' W. long.;
- (40) 33°59.26' N. lat., 118°34.58' W. long.;
- (41) 33°58.07' N. lat., 118°33.36' W. long.;
- (42) 33°53.76' N. lat., 118°30.14' W. long.;
- (43) 33°51.00' N. lat., 118°25.19' W. long.;
- (44) 33°50.07' N. lat., 118°24.07' W. long.;
- (45) 33°50.16' N. lat., 118°23.77' W. long.;
- (46) 33°48.08' N. lat., 118°25.31' W. long.;
- (47) 33°47.07' N. lat., 118°27.07' W. long.;
- (48) 33°46.12' N. lat., 118°26.87' W. long.;
- (49) 33°44.15' N. lat., 118°25.15' W. long.;
- (50) 33°43.54' N. lat., 118°23.02' W. long.;
- (51) 33°41.35' N. lat., 118°18.86' W. long.;
- (52) 33°39.96' N. lat., 118°17.37' W. long.;
- (53) 33°40.12' N. lat., 118°16.33' W. long.;
- (54) 33°39.28' N. lat., 118°16.21' W. long.;
- (55) 33°38.04' N. lat., 118°14.86' W. long.;
- (56) 33°36.57' N. lat., 118°14.67' W. long.;
- (57) 33°34.93' N. lat., 118°10.94' W. long.;
- (58) 33°35.14' N. lat., 118°08.61' W. long.;
- (59) 33°35.69' N. lat., 118°07.68' W. long.;
- (60) 33°36.21' N. lat., 118°07.53' W. long.;
- (61) 33°36.43' N. lat., 118°06.73' W. long.;
- (62) 33°36.05' N. lat., 118°06.15' W. long.;
- (63) 33°36.32' N. lat., 118°03.91' W. long.;
- (64) 33°35.69' N. lat., 118°03.64' W. long.;
- (65) 33°34.62' N. lat., 118°00.04' W. long.;
- (66) 33°34.08' N. lat., 117°57.73' W. long.;
- (67) 33°35.57' N. lat., 117°56.62' W. long.;
- (68) 33°35.46' N. lat., 117°55.99' W. long.;
- (69) 33°35.98' N. lat., 117°55.99' W. long.;
- (70) 33°35.46' N. lat., 117°55.38' W. long.;
- (71) 33°35.21' N. lat., 117°53.46' W. long.;
- (72) 33°33.61' N. lat., 117°50.45' W. long.;
- (73) 33°31.41' N. lat., 117°47.28' W. long.;
- (74) 33°27.54' N. lat., 117°44.36' W. long.;
- (75) 33°26.63' N. lat., 117°43.17' W. long.;
- (76) 33°25.21' N. lat., 117°40.09' W. long.;
- (77) 33°20.33' N. lat., 117°35.99' W. long.;

- (78) 33°16.35' N. lat., 117°31.51' W. long.;
- (79) 33°11.53' N. lat., 117°26.81' W. long.;
- (80) 33°07.59' N. lat., 117°21.13' W. long.;
- (81) 33°02.21' N. lat., 117°19.05' W. long.;
- (82) 32°56.55' N. lat., 117°17.07' W. long.;
- (83) 32°54.61' N. lat., 117°16.06' W. long.;
- (84) 32°52.32' N. lat., 117°15.97' W. long.;
- (85) 32°51.48' N. lat., 117°16.15' W. long.;
- (86) 32°51.85' N. lat., 117°17.26' W. long.;
- (87) 32°51.55' N. lat., 117°19.01' W. long.;
- (88) 32°49.55' N. lat., 117°19.63' W. long.;
- (89) 32°46.71' N. lat., 117°18.32' W. long.;
- (90) 32°36.35' N. lat., 117°15.68' W. long.;
- and
- (91) 32°32.85' N. lat., 117°15.44' W. long.

● **30 fm Recreational and Non-trawl RCA around the Northern Channel Islands**

The 30 fm depth contour around the northern Channel Islands off the state of California is defined by straight lines connecting all of the following points in the order stated:

- (1) 34°01.41' N. lat., 119°20.61' W. long.;
- (2) 34°00.98' N. lat., 119°20.46' W. long.;
- (3) 34°00.53' N. lat., 119°20.98' W. long.;
- (4) 34°00.17' N. lat., 119°21.83' W. long.;
- (5) 33°59.65' N. lat., 119°24.45' W. long.;
- (6) 33°59.68' N. lat., 119°25.20' W. long.;
- (7) 33°59.95' N. lat., 119°26.25' W. long.;
- (8) 33°59.87' N. lat., 119°27.27' W. long.;
- (9) 33°59.55' N. lat., 119°28.02' W. long.;
- (10) 33°58.63' N. lat., 119°36.48' W. long.;
- (11) 33°57.62' N. lat., 119°41.13' W. long.;
- (12) 33°57.00' N. lat., 119°42.20' W. long.;
- (13) 33°56.93' N. lat., 119°48.00' W. long.;
- (14) 33°57.70' N. lat., 119°48.00' W. long.;
- (between coordinates (14) and (15), the boundary follows the shoreline)
- (15) 33°58.00' N. lat., 119°51.00' W. long.;
- (16) 33°58.00' N. lat., 119°52.00' W. long.;
- (17) 33°58.54' N. lat., 119°52.80' W. long.;
- (18) 33°59.74' N. lat., 119°54.19' W. long.;
- (19) 33°59.97' N. lat., 119°54.66' W. long.;
- (20) 33°59.83' N. lat., 119°56.00' W. long.;
- (21) 33°59.18' N. lat., 119°57.17' W. long.;
- (22) 33°57.83' N. lat., 119°56.74' W. long.;
- (23) 33°55.71' N. lat., 119°56.89' W. long.;
- (24) 33°53.89' N. lat., 119°57.68' W. long.;
- (25) 33°52.93' N. lat., 119°59.80' W. long.;

(26) 33°52.79' N. lat., 120°1.81' W. long.;

(27) 33°52.51' N. lat., 120°03.08' W. long.;

(28) 33°53.12' N. lat., 120°04.88' W. long.;

(29) 33°53.12' N. lat., 120°05.80' W. long.;

(30) 33°52.94' N. lat., 120°06.50' W. long.;

(31) 33°53.80' N. lat., 120°06.50' W. long.;

(between coordinates (31) and (32), the boundary follows the shoreline)

(32) 33°55.00' N. lat., 120°10.00' W. long.;

(33) 33°54.03' N. lat., 120°10.00' W. long.;

(34) 33°54.58' N. lat., 120°11.82' W. long.;

(35) 33°57.08' N. lat., 120°14.58' W. long.;

(36) 33°59.50' N. lat., 120°16.72' W. long.;

(37) 33°59.63' N. lat., 120°17.88' W. long.;

(38) 34°00.30' N. lat., 120°19.14' W. long.;

(39) 34°00.02' N. lat., 120°19.68' W. long.;

(40) 34°00.08' N. lat., 120°21.73' W. long.;

(41) 34°00.94' N. lat., 120°24.82' W. long.;

(42) 34°00.97' N. lat., 120°25.30' W. long.;

(43) 34°01.50' N. lat., 120°25.30' W. long.;

(between coordinates (43) and (44), the boundary follows the shoreline)

(44) 34°01.80' N. lat., 120°26.60' W. long.;

(45) 34°01.05' N. lat., 120°26.60' W. long.;

(46) 34°01.11' N. lat., 120°27.43' W. long.;

(47) 34°00.96' N. lat., 120°28.09' W. long.;

(48) 34°01.56' N. lat., 120°28.71' W. long.;

(49) 34°01.80' N. lat., 120°28.31' W. long.;

(50) 34°03.60' N. lat., 120°28.87' W. long.;

(51) 34°03.60' N. lat., 120°28.20' W. long.;

(52) 34°05.35' N. lat., 120°28.20' W. long.;

(53) 34°05.30' N. lat., 120°27.33' W. long.;

(54) 34°05.65' N. lat., 120°26.79' W. long.;

(55) 34°05.69' N. lat., 120°25.82' W. long.;

(56) 34°07.24' N. lat., 120°24.98' W. long.;

(57) 34°06.00' N. lat., 120°23.30' W. long.;

(58) 34°03.10' N. lat., 120°23.30' W. long.;

(between coordinates (58) and (59), the boundary follows the shoreline)

(59) 34°03.50' N. lat., 120°21.30' W. long.;

(60) 34°02.90' N. lat., 120°20.20' W. long.;

(between coordinates (60) and (61), the boundary follows the shoreline)

(61) 34°01.80' N. lat., 120°18.40' W. long.;

(62) 34°03.61' N. lat., 120°18.40' W. long.;

(63) 34°03.25' N. lat., 120°16.64' W. long.;

(64) 34°04.33' N. lat., 120°14.22' W. long.;

(65) 34°04.11' N. lat., 120°11.17' W. long.;

(66) 34°03.72' N. lat., 120°09.93' W. long.;

(67) 34°03.81' N. lat., 120°08.96' W. long.;

(68) 34°03.36' N. lat., 120°06.52' W. long.;

(69) 34°04.80' N. lat., 120°04.00' W. long.;

(70) 34°04.00' N. lat., 120°04.00' W. long.;

(71) 34°04.00' N. lat., 120°05.20' W. long.;

(72) 34°01.30' N. lat., 120°05.20' W. long.;

(between coordinates (72) and (73), the boundary follows the shoreline)

(73) 34°00.50' N. lat., 120°02.80' W. long.;

(74) 34°00.49' N. lat., 120°01.01' W. long.;

(75) 34°04.00' N. lat., 120°01.00' W. long.;

(76) 34°03.99' N. lat., 120°00.15' W. long.;

(77) 34°03.51' N. lat., 119°59.42' W. long.;

(78) 34°03.79' N. lat., 119°58.15' W. long.;

(79) 34°04.72' N. lat., 119°57.61' W. long.;

(80) 34°05.14' N. lat., 119°55.17' W. long.;

(81) 34°04.85' N. lat., 119°53.00' W. long.;

(82) 34°04.50' N. lat., 119°53.00' W. long.;

(between coordinates (82) and (83), the boundary follows the shoreline)

(83) 34°04.00' N. lat., 119°51.00' W. long.;

(84) 34°04.49' N. lat., 119°51.01' W. long.;

(85) 34°03.79' N. lat., 119°48.86' W. long.;

(86) 34°03.79' N. lat., 119°45.46' W. long.;

(87) 34°03.27' N. lat., 119°44.17' W. long.;

(88) 34°03.29' N. lat., 119°43.30' W. long.;

(89) 34°01.71' N. lat., 119°40.83' W. long.;

(90) 34°01.74' N. lat., 119°37.92' W. long.;

(91) 34°02.07' N. lat., 119°37.17' W. long.;

(92) 34°02.93' N. lat., 119°36.52' W. long.;

(93) 34°3.48' N. lat., 119°35.50' W. long.;

(94) 34°02.94' N. lat., 119°35.50' W. long.;

(between coordinates (94) and (95), the boundary follows the shoreline)

(95) 34°02.80' N. lat., 119°32.80' W. long.;

(96) 34°03.56' N. lat., 119°32.80' W. long.;

(97) 34°02.72' N. lat., 119°31.84' W. long.;

(98) 34°02.20' N. lat., 119°30.53' W. long.;

(99) 34°01.49' N. lat., 119°30.20' W. long.;

(100) 34°00.66' N. lat., 119°28.62' W. long.;

(101) 34°00.66' N. lat., 119°27.57' W. long.;

(102) 34°01.40' N. lat., 119°26.94' W. long.;

(103) 34°01.35' N. lat., 119°26.70' W. long.;

(104) 34°00.80' N. lat., 119°26.70' W. long.;

(between coordinates (104) and (105), the boundary follows the shoreline)

(105) 34°00.40' N. lat., 119°24.60' W. long.;

(between coordinates (105) and (106), the boundary follows the shoreline)

- (106) 34°01.00' N. lat., 119°21.40' W. long.;
- (107) 34°01.49' N. lat., 119°21.40' W. long.;
- and
- (108) 34°01.41' N. lat., 119°20.61' W. long.

- **30 fm Recreational and Non-trawl RCA around the Southern Channel Islands and Seamounts**

The 30 fm depth contour used around southern Channel Islands off the state of California is defined by straight lines around each island/seamount connecting all of the following points in the order stated:

- (A) *Santa Catalina Island*

- (1) 33°19.13' N. lat., 118°18.04' W. long.;
- (2) 33°18.32' N. lat., 118°18.20' W. long.;
- (3) 33°17.82' N. lat., 118°18.73' W. long.;
- (4) 33°17.54' N. lat., 118°19.52' W. long.;
- (5) 33°17.99' N. lat., 118°21.71' W. long.;
- (6) 33°18.48' N. lat., 118°22.82' W. long.;
- (7) 33°18.77' N. lat., 118°26.95' W. long.;
- (8) 33°19.69' N. lat., 118°28.87' W. long.;
- (9) 33°20.53' N. lat., 118°30.52' W. long.;
- (10) 33°20.46' N. lat., 118°31.47' W. long.;
- (11) 33°20.98' N. lat., 118°31.39' W. long.;
- (12) 33°20.81' N. lat., 118°30.49' W. long.;
- (13) 33°21.38' N. lat., 118°30.07' W. long.;
- (14) 33°23.12' N. lat., 118°29.31' W. long.;
- (15) 33°24.95' N. lat., 118°29.70' W. long.;
- (16) 33°25.39' N. lat., 118°30.50' W. long.;
- (17) 33°25.21' N. lat., 118°30.79' W. long.;
- (18) 33°25.65' N. lat., 118°31.60' W. long.;
- (19) 33°25.65' N. lat., 118°32.04' W. long.;
- (20) 33°25.94' N. lat., 118°32.96' W. long.;
- (21) 33°25.86' N. lat., 118°33.49' W. long.;
- (22) 33°26.06' N. lat., 118°34.12' W. long.;
- (23) 33°28.28' N. lat., 118°36.60' W. long.;
- (24) 33°28.83' N. lat., 118°36.42' W. long.;
- (25) 33°28.72' N. lat., 118°34.93' W. long.;
- (26) 33°28.71' N. lat., 118°33.61' W. long.;
- (27) 33°28.81' N. lat., 118°32.95' W. long.;
- (28) 33°28.73' N. lat., 118°32.07' W. long.;
- (29) 33°27.55' N. lat., 118°30.14' W. long.;
- (30) 33°27.86' N. lat., 118°29.41' W. long.;
- (31) 33°26.98' N. lat., 118°29.06' W. long.;
- (32) 33°26.96' N. lat., 118°28.58' W. long.;
- (33) 33°26.76' N. lat., 118°28.40' W. long.;
- (34) 33°26.52' N. lat., 118°27.66' W. long.;
- (35) 33°26.31' N. lat., 118°27.41' W. long.;

- (36) 33°25.09' N. lat., 118°23.13' W. long.;
- (37) 33°24.80' N. lat., 118°22.86' W. long.;
- (38) 33°24.60' N. lat., 118°22.02' W. long.;
- (39) 33°22.82' N. lat., 118°21.04' W. long.;
- (40) 33°20.23' N. lat., 118°18.45' W. long.;
- and

- (41) 33°19.13' N. lat., 118°18.04' W. long.

- (B) *San Clemente Island*

- (1) 33°03.37' N. lat., 118°37.76' W. long.;
- (2) 33°02.72' N. lat., 118°38.12' W. long.;
- (3) 33°02.18' N. lat., 118°37.46' W. long.;
- (4) 33°00.66' N. lat., 118°37.36' W. long.;
- (5) 33°00.08' N. lat., 118°36.94' W. long.;
- (6) 33°00.11' N. lat., 118°36.00' W. long.;
- (7) 32°58.02' N. lat., 118°35.41' W. long.;
- (8) 32°56.00' N. lat., 118°33.59' W. long.;
- (9) 32°54.76' N. lat., 118°33.58' W. long.;
- (10) 32°53.97' N. lat., 118°32.45' W. long.;
- (11) 32°51.18' N. lat., 118°30.83' W. long.;
- (12) 32°50.00' N. lat., 118°29.68' W. long.;
- (13) 32°49.72' N. lat., 118°28.33' W. long.;
- (14) 32°47.88' N. lat., 118°26.09' W. long.;
- (15) 32°47.03' N. lat., 118°25.73' W. long.;
- (16) 32°47.28' N. lat., 118°24.83' W. long.;
- (17) 32°48.12' N. lat., 118°24.33' W. long.;
- (18) 32°48.74' N. lat., 118°23.39' W. long.;
- (19) 32°48.69' N. lat., 118°21.75' W. long.;
- (20) 32°49.06' N. lat., 118°20.53' W. long.;
- (21) 32°50.28' N. lat., 118°21.09' W. long.;
- (22) 32°51.73' N. lat., 118°23.86' W. long.;
- (23) 32°52.79' N. lat., 118°25.08' W. long.;
- (24) 32°54.03' N. lat., 118°26.83' W. long.;
- (25) 32°54.07' N. lat., 118°27.55' W. long.;
- (26) 32°55.49' N. lat., 118°29.04' W. long.;
- (27) 32°59.58' N. lat., 118°32.51' W. long.;
- (28) 32°59.89' N. lat., 118°32.52' W. long.;
- (29) 33°00.29' N. lat., 118°32.73' W. long.;
- (30) 33°00.85' N. lat., 118°33.05' W. long.;
- (31) 33°01.07' N. lat., 118°33.64' W. long.;
- (32) 33°02.09' N. lat., 118°35.35' W. long.;
- (33) 33°02.61' N. lat., 118°36.96' W. long.;
- and
- (34) 33°03.37' N. lat., 118°37.76' W. long.

- **150 fm Non-trawl RCA around Islands and Seamounts**

The 150 fm depth contour used around the southern Channel Islands and seamounts off the state of California is defined by straight lines

around each island/seamount connecting all of the following points in the order stated:

(A) *Santa Catalina Island*

- (1) 33°19.00' N. lat., 118°15.00' W. long.;
  - (2) 33°26.00' N. lat., 118°22.00' W. long.;
  - (3) 33°28.00' N. lat., 118°28.00' W. long.;
  - (4) 33°30.00' N. lat., 118°31.00' W. long.;
  - (5) 33°31.00' N. lat., 118°37.00' W. long.;
  - (6) 33°29.00' N. lat., 118°41.00' W. long.;
  - (7) 33°23.00' N. lat., 118°31.00' W. long.;
  - (8) 33°21.00' N. lat., 118°33.00' W. long.;
  - (9) 33°18.00' N. lat., 118°28.00' W. long.;
  - (10) 33°16.00' N. lat., 118°13.00' W. long.;
- and
- (11) 33°19.00' N. lat., 118°15.00' W. long.

(B) *San Clemente Island*

- (1) 32°48.50' N. lat., 118°18.34' W. long.;
  - (2) 32°56.00' N. lat., 118°29.00' W. long.;
  - (3) 33°03.00' N. lat., 118°34.00' W. long.;
  - (4) 33°05.00' N. lat., 118°38.00' W. long.;
  - (5) 33°03.00' N. lat., 118°40.00' W. long.;
  - (6) 32°48.00' N. lat., 118°31.00' W. long.;
  - (7) 32°43.00' N. lat., 118°24.00' W. long.;
- and
- (8) 32°48.50' N. lat., 118°18.34' W. long.

(C) *Lasuen Knoll*

- (1) 33°25.00' N. lat., 118°01.00' W. long.;
  - (2) 33°25.00' N. lat., 117°58.00' W. long.;
  - (3) 33°23.00' N. lat., 117°58.00' W. long.;
  - (4) 33°23.00' N. lat., 118°01.00' W. long.;
- and
- (5) 33°25.00' N. lat., 118°01.00' W. long.

● **200 fm Trawl RCA Coastwide**

The 200 fm depth contour used between the U.S. border with Canada and the U.S. border with Mexico as a western boundary for the trawl RCA is defined by straight lines connecting all of the following points in the order stated:

- (1) 48°14.75' N. lat., 125°41.73' W. long.;
- (2) 48°12.85' N. lat., 125°38.06' W. long.;
- (3) 48°11.52' N. lat., 125°39.45' W. long.;
- (4) 48°10.14' N. lat., 125°42.81' W. long.;
- (5) 48°08.96' N. lat., 125°42.08' W. long.;
- (6) 48°08.33' N. lat., 125°44.91' W. long.;
- (7) 48°07.19' N. lat., 125°45.87' W. long.;
- (8) 48°05.66' N. lat., 125°44.79' W. long.;
- (9) 48°05.91' N. lat., 125°42.16' W. long.;
- (10) 48°04.11' N. lat., 125°40.17' W. long.;

- (11) 48°04.07' N. lat., 125°36.96' W. long.;
- (12) 48°03.05' N. lat., 125°36.38' W. long.;
- (13) 48°01.98' N. lat., 125°37.41' W. long.;
- (14) 48°01.46' N. lat., 125°39.61' W. long.;
- (15) 47°57.28' N. lat., 125°36.87' W. long.;
- (16) 47°55.11' N. lat., 125°36.92' W. long.;
- (17) 47°54.09' N. lat., 125°34.98' W. long.;
- (18) 47°54.50' N. lat., 125°32.01' W. long.;
- (19) 47°56.07' N. lat., 125°30.17' W. long.;
- (20) 47°55.65' N. lat., 125°28.46' W. long.;
- (21) 47°57.88' N. lat., 125°25.61' W. long.;
- (22) 48°01.63' N. lat., 125°23.75' W. long.;
- (23) 48°02.21' N. lat., 125°22.43' W. long.;
- (24) 48°03.60' N. lat., 125°21.84' W. long.;
- (25) 48°03.98' N. lat., 125°20.65' W. long.;
- (26) 48°03.26' N. lat., 125°19.76' W. long.;
- (27) 48°01.49' N. lat., 125°18.80' W. long.;
- (28) 48°01.03' N. lat., 125°20.12' W. long.;
- (29) 48°00.04' N. lat., 125°20.26' W. long.;
- (30) 47°58.10' N. lat., 125°18.91' W. long.;
- (31) 47°58.17' N. lat., 125°17.50' W. long.;
- (32) 47°52.28' N. lat., 125°16.06' W. long.;
- (33) 47°51.92' N. lat., 125°13.89' W. long.;
- (34) 47°49.20' N. lat., 125°10.67' W. long.;
- (35) 47°48.69' N. lat., 125°06.50' W. long.;
- (36) 47°46.54' N. lat., 125°07.68' W. long.;
- (37) 47°47.24' N. lat., 125°05.38' W. long.;
- (38) 47°45.95' N. lat., 125°04.61' W. long.;
- (39) 47°44.58' N. lat., 125°07.12' W. long.;
- (40) 47°42.24' N. lat., 125°05.15' W. long.;
- (41) 47°38.54' N. lat., 125°06.76' W. long.;
- (42) 47°34.86' N. lat., 125°04.67' W. long.;
- (43) 47°30.75' N. lat., 124°57.52' W. long.;
- (44) 47°28.51' N. lat., 124°56.69' W. long.;
- (45) 47°29.15' N. lat., 124°54.10' W. long.;
- (46) 47°28.43' N. lat., 124°51.58' W. long.;
- (47) 47°24.13' N. lat., 124°47.51' W. long.;
- (48) 47°18.31' N. lat., 124°46.17' W. long.;
- (49) 47°19.57' N. lat., 124°51.01' W. long.;
- (50) 47°18.12' N. lat., 124°53.66' W. long.;
- (51) 47°17.59' N. lat., 124°52.94' W. long.;
- (52) 47°17.71' N. lat., 124°51.63' W. long.;
- (53) 47°16.90' N. lat., 124°51.23' W. long.;
- (54) 47°16.10' N. lat., 124°53.67' W. long.;
- (55) 47°14.24' N. lat., 124°53.02' W. long.;
- (56) 47°12.16' N. lat., 124°56.77' W. long.;
- (57) 47°13.35' N. lat., 124°58.70' W. long.;
- (58) 47°09.53' N. lat., 124°58.32' W. long.;
- (59) 47°09.54' N. lat., 124°59.50' W. long.;

- (60) 47°05.87' N. lat., 124°59.29' W. long.;
- (61) 47°3.65' N. lat., 124°56.26' W. long.;
- (62) 47°00.91' N. lat., 124°59.73' W. long.;
- (63) 46°58.74' N. lat., 124°59.40' W. long.;
- (64) 46°58.55' N. lat., 125°00.70' W. long.;
- (65) 46°55.57' N. lat., 125°01.61' W. long.;
- (66) 46°55.77' N. lat., 124°55.04' W. long.;
- (67) 46°53.16' N. lat., 124°53.69' W. long.;
- (68) 46°52.39' N. lat., 124°55.24' W. long.;
- (69) 46°44.88' N. lat., 124°51.97' W. long.;
- (70) 46°33.28' N. lat., 124°36.96' W. long.;
- (71) 46°33.20' N. lat., 124°30.64' W. long.;
- (72) 46°27.85' N. lat., 124°31.95' W. long.;
- (73) 46°18.16' N. lat., 124°39.39' W. long.;
- (74) 46°16.48' N. lat., 124°27.41' W. long.;
- (75) 46°16.73' N. lat., 124°23.20' W. long.;
- (76) 46°14.13' N. lat., 124°26.26' W. long.;
- (77) 46°12.81' N. lat., 124°33.73' W. long.;
- (78) 46°12.86' N. lat., 124°38.65' W. long.;
- (79) 46°10.81' N. lat., 124°39.54' W. long.;
- (80) 46°09.78' N. lat., 124°41.27' W. long.;
- (81) 46°06.44' N. lat., 124°41.08' W. long.;
- (82) 46°03.79' N. lat., 124°47.94' W. long.;
- (83) 46°02.31' N. lat., 124°48.59' W. long.;
- (84) 45°59.01' N. lat., 124°44.40' W. long.;
- (85) 45°46.91' N. lat., 124°43.57' W. long.;
- (86) 45°44.05' N. lat., 124°45.85' W. long.;
- (87) 45°39.96' N. lat., 124°40.10' W. long.;
- (88) 45°38.27' N. lat., 124°40.47' W. long.;
- (89) 45°34.80' N. lat., 124°32.25' W. long.;
- (90) 45°13.00' N. lat., 124°21.98' W. long.;
- (91) 45°09.59' N. lat., 124°23.33' W. long.;
- (92) 45°11.35' N. lat., 124°38.37' W. long.;
- (93) 45°00.22' N. lat., 124°29.24' W. long.;
- (94) 44°55.28' N. lat., 124°31.70' W. long.;
- (95) 44°41.42' N. lat., 124°49.13' W. long.;
- (96) 44°21.46' N. lat., 124°49.29' W. long.;
- (97) 44°12.43' N. lat., 124°56.56' W. long.;
- (98) 43°58.92' N. lat., 124°54.42' W. long.;
- (99) 43°50.76' N. lat., 124°52.75' W. long.;
- (100) 43°47.22' N. lat., 124°45.70' W. long.;
- (101) 43°43.11' N. lat., 124°39.85' W. long.;
- (102) 43°20.19' N. lat., 124°43.28' W. long.;
- (103) 43°13.29' N. lat., 124°47.09' W. long.;
- (104) 43°13.17' N. lat., 124°52.77' W. long.;
- (105) 43°05.65' N. lat., 124°52.96' W. long.;
- (106) 43°00.03' N. lat., 124°53.71' W. long.;
- (107) 42°53.90' N. lat., 124°54.49' W. long.;
- (108) 42°49.50' N. lat., 124°53.15' W. long.;
- (109) 42°47.50' N. lat., 124°50.28' W. long.;
- (110) 42°46.21' N. lat., 124°44.55' W. long.;
- (111) 42°41.30' N. lat., 124°44.38' W. long.;
- (112) 42°38.83' N. lat., 124°43.02' W. long.;
- (113) 42°31.92' N. lat., 124°46.17' W. long.;
- (114) 42°32.11' N. lat., 124°43.49' W. long.;
- (115) 42°31.03' N. lat., 124°43.75' W. long.;
- (116) 42°28.42' N. lat., 124°49.08' W. long.;
- (117) 42°20.36' N. lat., 124°42.43' W. long.;
- (118) 42°15.35' N. lat., 124°38.86' W. long.;
- (119) 42°09.59' N. lat., 124°38.13' W. long.;
- (120) 42°04.56' N. lat., 124°38.86' W. long.;
- (121) 42°04.45' N. lat., 124°36.72' W. long.;
- (122) 41°59.98' N. lat., 124°36.70' W. long.;
- (123) 41°47.85' N. lat., 124°30.41' W. long.;
- (124) 41°43.34' N. lat., 124°29.89' W. long.;
- (125) 41°23.47' N. lat., 124°30.29' W. long.;
- (126) 41°21.30' N. lat., 124°29.36' W. long.;
- (127) 41°13.53' N. lat., 124°24.41' W. long.;
- (128) 41°06.72' N. lat., 124°23.3' W. long.;
- (129) 40°54.67' N. lat., 124°28.13' W. long.;
- (130) 40°49.02' N. lat., 124°28.52' W. long.;
- (131) 40°40.45' N. lat., 124°32.74' W. long.;
- (132) 40°37.11' N. lat., 124°38.03' W. long.;
- (133) 40°34.22' N. lat., 124°41.13' W. long.;
- (134) 40°32.90' N. lat., 124°41.83' W. long.;
- (135) 40°31.30' N. lat., 124°40.97' W. long.;
- (136) 40°29.63' N. lat., 124°38.04' W. long.;
- (137) 40°24.99' N. lat., 124°36.37' W. long.;
- (138) 40°22.23' N. lat., 124°31.78' W. long.;
- (139) 40°16.95' N. lat., 124°31.93' W. long.;
- (140) 40°17.59' N. lat., 124°45.23' W. long.;
- (141) 40°13.25' N. lat., 124°32.36' W. long.;
- (142) 40°10.16' N. lat., 124°24.57' W. long.;
- (143) 40°6.43' N. lat., 124°19.19' W. long.;
- (144) 40°7.07' N. lat., 124°17.75' W. long.;
- (145) 40°5.53' N. lat., 124°18.02' W. long.;
- (146) 40°4.71' N. lat., 124°18.10' W. long.;
- (147) 40°2.35' N. lat., 124°16.57' W. long.;
- (148) 40°1.53' N. lat., 124°9.82' W. long.;
- (149) 39°58.28' N. lat., 124°13.51' W. long.;
- (150) 39°56.60' N. lat., 124°12.02' W. long.;
- (151) 39°55.20' N. lat., 124°07.96' W. long.;
- (152) 39°52.55' N. lat., 124°09.40' W. long.;
- (153) 39°42.68' N. lat., 124°02.52' W. long.;
- (154) 39°35.96' N. lat., 123°59.49' W. long.;
- (155) 39°34.62' N. lat., 123°59.59' W. long.;
- (156) 39°33.78' N. lat., 123°56.82' W. long.;
- (157) 39°33.02' N. lat., 123°57.07' W. long.;



(158) 39°32.21' N. lat., 123°59.13' W. long.;  
(159) 39°7.85' N. lat., 123°59.07' W. long.;  
(160) 39°00.90' N. lat., 123°57.88' W. long.;  
(161) 38°59.95' N. lat., 123°56.99' W. long.;  
(162) 38°56.82' N. lat., 123°57.74' W. long.;  
(163) 38°56.40' N. lat., 123°59.41' W. long.;  
(164) 38°50.23' N. lat., 123°55.48' W. long.;  
(165) 38°46.77' N. lat., 123°51.49' W. long.;  
(166) 38°45.28' N. lat., 123°51.56' W. long.;  
(167) 38°42.76' N. lat., 123°49.76' W. long.;  
(168) 38°41.54' N. lat., 123°47.76' W. long.;  
(169) 38°40.98' N. lat., 123°48.07' W. long.;  
(170) 38°38.03' N. lat., 123°45.78' W. long.;  
(171) 38°37.20' N. lat., 123°44.01' W. long.;  
(172) 38°33.44' N. lat., 123°41.75' W. long.;  
(173) 38°29.45' N. lat., 123°38.42' W. long.;  
(174) 38°27.89' N. lat., 123°38.38' W. long.;  
(175) 38°23.68' N. lat., 123°35.40' W. long.;  
(176) 38°19.63' N. lat., 123°33.98' W. long.;  
(177) 38°16.23' N. lat., 123°31.83' W. long.;  
(178) 38°14.79' N. lat., 123°29.91' W. long.;  
(179) 38°14.12' N. lat., 123°26.29' W. long.;  
(180) 38°10.85' N. lat., 123°25.77' W. long.;  
(181) 38°13.15' N. lat., 123°28.18' W. long.;  
(182) 38°12.28' N. lat., 123°29.81' W. long.;  
(183) 38°10.19' N. lat., 123°29.04' W. long.;  
(184) 38°07.94' N. lat., 123°28.45' W. long.;  
(185) 38°06.51' N. lat., 123°30.89' W. long.;  
(186) 38°04.21' N. lat., 123°31.96' W. long.;  
(187) 38°02.07' N. lat., 123°31.03' W. long.;  
(188) 38°00.00' N. lat., 123°29.55' W. long.;  
(189) 37°58.13' N. lat., 123°27.21' W. long.;  
(190) 37°55.01' N. lat., 123°27.46' W. long.;  
(191) 37°51.40' N. lat., 123°25.18' W. long.;  
(192) 37°43.97' N. lat., 123°11.49' W. long.;  
(193) 37°36.00' N. lat., 123°02.25' W. long.;  
(194) 37°13.65' N. lat., 122°54.18' W. long.;  
(195) 37°00.66' N. lat., 122°37.84' W. long.;  
(196) 36°57.40' N. lat., 122°28.25' W. long.;  
(197) 36°59.25' N. lat., 122°25.54' W. long.;  
(198) 36°56.88' N. lat., 122°25.42' W. long.;  
(199) 36°57.40' N. lat., 122°22.62' W. long.;  
(200) 36°55.43' N. lat., 122°22.43' W. long.;  
(201) 36°52.29' N. lat., 122°13.18' W. long.;  
(202) 36°47.12' N. lat., 122°07.56' W. long.;  
(203) 36°47.10' N. lat., 122°02.11' W. long.;  
(204) 36°43.76' N. lat., 121°59.11' W. long.;  
(205) 36°38.85' N. lat., 122°02.20' W. long.;  
(206) 36°23.41' N. lat., 122°00.11' W. long.;

(207) 36°19.68' N. lat., 122°06.93' W. long.;  
(208) 36°14.75' N. lat., 122°01.51' W. long.;  
(210) 36°06.67' N. lat., 121°41.06' W. long.;  
(211) 35°57.07' N. lat., 121°34.32' W. long.;  
(212) 35°52.31' N. lat., 121°32.45' W. long.;  
(213) 35°51.21' N. lat., 121°30.91' W. long.;  
(214) 35°46.32' N. lat., 121°30.30' W. long.;  
(215) 35°33.74' N. lat., 121°20.10' W. long.;  
(216) 35°31.37' N. lat., 121°15.23' W. long.;  
(217) 35°23.32' N. lat., 121°11.44' W. long.;  
(218) 35°15.28' N. lat., 121°04.45' W. long.;  
(219) 35°07.08' N. lat., 121°00.3' W. long.;  
(220) 34°57.46' N. lat., 120°58.23' W. long.;  
(221) 34°44.25' N. lat., 120°58.29' W. long.;  
(222) 34°32.30' N. lat., 120°50.22' W. long.;  
(223) 34°19.08' N. lat., 120°31.21' W. long.;  
(224) 34°17.72' N. lat., 120°19.26' W. long.;  
(225) 34°22.45' N. lat., 120°12.81' W. long.;  
(226) 34°21.36' N. lat., 119°54.88' W. long.;  
(227) 34°09.95' N. lat., 119°46.18' W. long.;  
(228) 34°09.08' N. lat., 119°57.53' W. long.;  
(229) 34°07.53' N. lat., 120°06.35' W. long.;  
(230) 34°10.54' N. lat., 120°19.07' W. long.;  
(231) 34°14.68' N. lat., 120°29.48' W. long.;  
(232) 34°09.51' N. lat., 120°38.32' W. long.;  
(233) 34°03.06' N. lat., 120°35.54' W. long.;  
(234) 33°56.39' N. lat., 120°28.47' W. long.;  
(235) 33°50.25' N. lat., 120°09.43' W. long.;  
(236) 33°37.96' N. lat., 120°00.08' W. long.;  
(237) 33°34.52' N. lat., 119°51.84' W. long.;  
(238) 33°35.51' N. lat., 119°48.49' W. long.;  
(239) 33°42.76' N. lat., 119°47.77' W. long.;  
(240) 33°53.62' N. lat., 119°53.28' W. long.;  
(241) 33°57.61' N. lat., 119°31.26' W. long.;  
(242) 33°56.34' N. lat., 119°26.4' W. long.;  
(243) 33°57.79' N. lat., 119°26.85' W. long.;  
(244) 33°58.88' N. lat., 119°20.06' W. long.;  
(245) 34°02.65' N. lat., 119°15.11' W. long.;  
(246) 33°59.02' N. lat., 119°02.99' W. long.;  
(247) 33°57.61' N. lat., 118°42.07' W. long.;  
(248) 33°50.76' N. lat., 118°37.98' W. long.;  
(249) 33°38.41' N. lat., 118°17.03' W. long.;  
(250) 33°37.14' N. lat., 118°18.39' W. long.;  
(251) 33°35.51' N. lat., 118°18.03' W. long.;  
(252) 33°30.68' N. lat., 118°10.35' W. long.;  
(253) 33°32.49' N. lat., 117°51.85' W. long.;  
(254) 32°58.87' N. lat., 117°20.36' W. long.;  
and  
(255) 32°35.53' N. lat., 117°29.67' W. long.

● **200 fm Trawl RCA around Islands and Seamounts**

The 200 fm depth contour used around the southern Channel Islands and seamounts off the State of California is defined by straight lines around each island/seamount connecting all of the following points in the order stated:

(A) *Santa Catalina Island*

- (1) 33°32.06' N. lat., 118°44.52' W. long.;
  - (2) 33°31.36' N. lat., 118°35.28' W. long.;
  - (3) 33°30.10' N. lat., 118°30.82' W. long.;
  - (4) 33°27.91' N. lat., 118°26.83' W. long.;
  - (5) 33°26.27' N. lat., 118°21.35' W. long.;
  - (6) 33°21.34' N. lat., 118°15.24' W. long.;
  - (7) 33°13.66' N. lat., 118°08.98' W. long.;
  - (8) 33°17.15' N. lat., 118°28.35' W. long.;
  - (9) 33°20.94' N. lat., 118°34.34' W. long.;
  - (10) 33°23.32' N. lat., 118°32.60' W. long.;
  - (11) 33°28.68' N. lat., 118°44.93' W. long.;
- and
- (12) 33°32.06' N. lat., 118°44.52' W. long.

(B) *San Clemente Island*

- (1) 33°05.89' N. lat., 118°39.45' W. long.;
- (2) 33°02.68' N. lat., 118°33.14' W. long.;

- (3) 32°57.32' N. lat., 118°29.12' W. long.;
  - (4) 32°47.51' N. lat., 118°17.88' W. long.;
  - (5) 32°41.22' N. lat., 118°23.78' W. long.;
  - (6) 32°46.83' N. lat., 118°32.10' W. long.;
  - (7) 33°01.61' N. lat., 118°40.64' W. long.;
- and
- (8) 33°05.89' N. lat., 118°39.45' W. long.

(C) *Lasuen Knoll*

- (1) 33°25.91' N. lat., 117°59.44' W. long.;
  - (2) 33°23.37' N. lat., 117°56.97' W. long.;
  - (3) 33°22.82' N. lat., 117°59.50' W. long.;
  - (4) 33°25.24' N. lat., 118°01.68' W. long.;
- and
- (5) 33°25.91' N. lat., 117°59.44' W. long.

(D) *San Diego Rise*

- (1) 32°50.30' N. lat., 117°50.18' W. long.;
  - (2) 32°44.01' N. lat., 117°44.46' W. long.;
  - (3) 32°41.34' N. lat., 117°45.86' W. long.;
  - (4) 32°45.45' N. lat., 117°50.09' W. long.;
  - (5) 32°50.10' N. lat., 117°50.76' W. long.;
- and
- (6) 32°50.30' N. lat., 117°50.18' W. long.

**NOTE: Only the southern trip limits tables, south of 40°10' N. lat., are provided in this public notice. This Federal action does not alter fishery management in northern areas.**

**Table 3 (South). Trip Limits and Gear Requirements<sup>1/</sup> for Limited Entry Trawl Gear South of 40°10' N. Latitude<sup>2/</sup>**

Other Limits and Requirements Apply -- Read Sections IV. A. and B. NMFS  
 Actions before using this table

effective 9/2/03

	JUL-AUG	SEP-OCT	NOV-DEC
<b>Rockfish Conservation Area<sup>10/</sup> (RCA):</b>			
40°10' - 38° N. lat.	60 fm - 200 fm		60 fm - 200 fm (line modified to incorporate petrale sole fishing grounds)
38° - 34°27' N. lat.	60 fm - 200 fm		60 fm - 200 fm (line modified to incorporate petrale sole fishing grounds)
South of 34°27' N. lat.	100 fm - 200 fm along the mainland coast; shoreline - 200 fm around islands		100 fm - 200 fm along the mainland coast; shoreline - 200 fm around islands (line modified to incorporate petrale sole fishing grounds)

Small footrope or midwater trawl gear is required shoreward of the RCA; all trawl gear (large footrope, midwater trawl, and small footrope gear) is permitted seaward of the RCA.

A vessel may have more than one type of limited entry bottom trawl gear on board, but the most restrictive trip limit associated with the gear on board applies for that trip and will count toward the cumulative trip limit for that gear. A vessel may not have limited entry bottom trawl gear on board if that vessel also has trawl gear on board that is permitted for use within a RCA, including limited entry midwater trawl gear, regardless of whether the vessel is intending to fish within a RCA on that fishing trip. **See IV.A.(14)(iv) for details.**

<b>1 Minor slope rockfish<sup>3/</sup></b>			
2 40°10' - 38° N. lat.		1,800 lb/ 2 months	
3 South of 38° N. lat.		30,000 lb/ 2 months	
<b>4 Splitnose</b>			
5 40°10' - 38° N. lat.		1,800 lb/ 2 months	
6 South of 38° N. lat.		30,000 lb/ 2 months	
<b>7 DTS complex</b>			
8 Sablefish		9,000 lb/ 2 months	
9 Longspine thornyhead		11,500 lb/ 2 months	
10 Shortspine thornyhead		2,400 lb/ 2 months	
11 Dover sole		34,000 lb/ 2 months	
<b>12 Flatfish</b>			
13 All other flatfish <sup>4/</sup>	All other flatfish plus petrale & rex sole: 70,000 lb/ 2 months, no more than 20,000 lb/ 2 months of which may be petrale sole		70,000 lb/ 2 months
14 Petrale sole			No limit
15 Rex sole		Included in all other flatfish	
16 Arrowtooth flounder		1,000 lb/ 2 months	No limit

Table 3 (South) continued

17	<b>Whiting<sup>5/</sup></b>	Primary Season (only mid-water trawl permitted within the RCA)	10,000 lb/ trip
18	<b>Other Fish<sup>9/</sup></b>	Not limited	
19	<b>Use of small footrope bottom trawl<sup>7/</sup> or mid-water trawl is required for landing all of the following species:</b>		
20	<b>Minor shelf rockfish, widow, and chilipepper rockfish<sup>3/</sup></b>	300 lb/ month	
21	<b>Widow rockfish</b>		
22	mid-water trawl - permitted within the RCA	CLOSED <sup>6/</sup>	12,000 lb/ 2 months
23	<b>Canary rockfish</b>	300 lb/ month	100 lb/ month
24	<b>Bocaccio</b>	CLOSED <sup>6/</sup>	
25	<b>Cowcod</b>	CLOSED <sup>6/</sup>	
26	<b>Minor nearshore rockfish</b>	300 lb/ month	
27	<b>Lingcod<sup>8/</sup></b>	1,000 lb/ 2 months	800 lb/ 2 months

1/ Gear requirements and prohibitions are explained above. See IV. A.(14).

2/ "South" means 40°10' N. lat. to the U.S.-Mexico border. 40°10' N. lat. is about 20 nm south of Cape Mendocino, CA.

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

4/ "Other" flatfish means all flatfish at 50 CFR 660.302 except those in this Table 3 with species specific management measures, including trip limits.

5/ The whiting "per trip" limit in the Eureka area shoreward of 100 fm is 10,000 lb/ trip throughout the year. Outside Eureka area, the 20,000 lb/ trip limit applies. See IV. B.(3).

6/ Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV. A.(7).

7/ Small footrope trawl means a bottom trawl net with a footrope no larger than 8 inches (20 cm) in diameter.

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

9/ Other fish are defined at 50 CFR 660.302, as those groundfish species or species groups for which there is no trip limit, size limit, quota, or harvest guideline.

10/ 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 IV. A.(19)(e), that may vary seasonally.

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

**Table 4 (South). Trip Limits for Limited Entry Fixed Gear South of 40°10' N.**

Latitude<sup>1/</sup>

Other Limits and Requirements Apply -- Read Sections IV. A. and B.  
 NMFS Actions before using this table

effective 9/2/03

		JUL-AUG	SEP-OCT	NOV-DEC
<b>Rockfish Conservation Area<sup>7/</sup> (RCA):</b>				
40°10' - 34°27' N. lat.		20 fm - 150 fm		
South of 34°27' N. lat.		20 fm - 150 fm (also applies around islands) (See footnote 8 for description of Pt. Fermin/Newport South Jetty open area)	30 fm - 150 fm (also applies around islands)	
<b>1</b>	<b>Minor slope rockfish<sup>4/</sup></b>			
<b>2</b>	40°10' - 38° N. lat.	No more than 25% of weight of sablefish landed/ trip		1,800 lb/ 2 months
<b>3</b>	South of 38° N. lat.	30,000 lb/ 2 months		
<b>4</b>	<b>Splitnose</b>			
<b>5</b>	40°10' - 38° N. lat.	1,800 lb/ 2 months		
<b>6</b>	South of 38° N. lat.	20,000 lb/ 2 months		
<b>7</b>	<b>Sablefish</b>			
<b>8</b>	40°10' - 36° N. lat.	300 lb/ day, or 1 landing per week of up to 800 lb, not to exceed 3,200 lb/ 2 months		
<b>9</b>	South of 36° N. lat.	350 lb/ day, or 1 landing per week of up to 1,050 lb		
<b>10</b>	<b>Longspine thornyhead</b>	9,000 lb/ 2 months		
<b>11</b>	<b>Shortspine thornyhead</b>	2,000 lb/ 2 months		
<b>12</b>	<b>Dover sole</b>	5,000 lb/ month		
<b>13</b>	<b>Arrowtooth flounder</b>	When fishing for Pacific sanddabs, 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.		
<b>14</b>	<b>Petrale sole</b>			
<b>15</b>	<b>Rex sole</b>			
<b>16</b>	<b>All other flatfish<sup>2/</sup></b>			
<b>17</b>	<b>Whiting<sup>3/</sup></b>	10,000 lb/ trip		
<b>18</b>	<b>Minor shelf rockfish, widow, and yellowtail rockfish<sup>4/</sup></b>	250 lb/ 2 months	200 lb/ 2 months	100 lb/ 2 months
<b>19</b>	<b>Canary rockfish</b>	CLOSED <sup>5/</sup>		
<b>20</b>	<b>Yelloweye rockfish</b>	CLOSED <sup>5/</sup>		
<b>21</b>	<b>Cowcod</b>	CLOSED <sup>5/</sup>		
<b>22</b>	<b>Bocaccio</b>	CLOSED <sup>5/</sup>		
<b>23</b>	<b>Minor nearshore rockfish</b>			
<b>24</b>	Shallow nearshore	400 lb/ 2 months	300 lb/ 2 months	200 lb/ 2 months
<b>25</b>	Deeper nearshore	500 lb/ 2 months	300 lb/ 2 months	200 lb/ 2 months
<b>26</b>	California scorpionfish	800 lb/ 2 months	CLOSED <sup>5/</sup>	
<b>27</b>	<b>Lingcod<sup>6/</sup></b>	400 lb/ month, when nearshore open		CLOSED <sup>5/</sup>
<b>28</b>	<b>Other fish<sup>8/</sup></b>	Not limited		

*Table 4 (South) continued*

1/ "South" means 40°10' N. lat. to the U.S.-Mexico border. 40°10' N. lat. is about 20 nm south of Cape Mendocino, CA.

2/ "Other flatfish" means all flatfish at 50 CFR 660.302 except those in this Table 4 with species specific management measures, including trip limits.

3/ The whiting "per trip" limit in the Eureka area shoreward of 100 fm is 10,000 lb/ trip throughout the year. Outside Eureka area, the 20,000 lb/ trip limit applies. See IV. B.(3).

4/ Chilipepper rockfish is included in the trip limits for minor shelf rockfish and POP is included in the trip limits for minor slope rockfish.

5/ Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV. A.(7).

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

7/ 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 IV. A.(19)(e) that may vary seasonally.

8/ Other fish are defined at 50 CFR 660.302, as those groundfish species or species groups for which there is no trip limit, size limit, quota, or harvest guideline.

9/ During July-August, between a line drawn due south from Point Fermin (33° 42' 30" N. lat.; 118° 17' 30" W. long.) and a line drawn due west from the Newport South Jetty (33° 35' 37" N .lat.; 117° 52' 50" W. long.), vessels fishing for all federal groundfish species, except lingcod and all rockfish other than California scorpionfish, with hook&line and/or trap (or pot) gear may operate from shore to a seaward boundary line which approximates 50 fm.

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

**Table 5 (South). 2003 Trip Limits for Open Access Gears South of 40°10' N.**

**Latitude<sup>1/</sup>**

**Other Limits and Requirements Apply -- Read Sections IV. A. and C.  
NMFS Actions before using this table**

effective 9/2/03

	JUL-AUG	SEP-OCT	NOV-DEC
<b>Rockfish Conservation Area<sup>7/</sup> (RCA):</b>			
40°10' - 34°27' N. lat.	20 fm - 150 fm		
South of 34°27' N. lat.	20 fm - 150 fm (also applies around islands) (See footnote 8 for description of Pt. Fermin/Newport South Jetty open area)	30 fm - 150 fm (also applies around islands)	
<b>1 Minor slope rockfish<sup>2/</sup></b>			
<b>2 40°10' - 38° N. lat.</b>	Per trip, no more than 25% of weight of the sablefish landed		
<b>3 South of 38° N. lat.</b>	10,000 lb/ 2 months		
<b>4 Splitnose</b>	200 lb/ month		
<b>5 Sablefish</b>			
<b>6 40°10' - 36° N. lat.</b>	300 lb/ day, or 1 landing per week of up to 800 lb, not to exceed 3,200 lb/ 2 months		
<b>7 South of 36° N. lat.</b>	350 lb/ day, or 1 landing per week of up to 1,050 lb		
<b>8 Thornyheads</b>			
<b>9 40°10' - 34°27' N. lat.</b>	CLOSED <sup>5/</sup>		
<b>10 South of 34°27' N. lat.</b>	50 lb/ day, no more than 2,000 lb/ 2 months		
<b>11 Dover sole</b>	3,000 lb/month, no more than 300 lb of which may be species other than Pacific sanddabs. When fishing for Pacific sanddabs, 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 of weight per line are not subject to the RCAs.		
<b>12 Arrowtooth flounder</b>			
<b>13 Petrale sole</b>			
<b>14 Rex sole</b>			
<b>15 All other flatfish<sup>3/</sup></b>			
<b>16 Whiting</b>	300 lb/ month		
<b>17 Minor shelf rockfish, widow and chilipepper rockfish<sup>2/</sup></b>	250 lb/ 2 months	200 lb/ 2 months	100 lb/ 2 months
<b>18 Canary rockfish</b>	CLOSED <sup>5/</sup>		
<b>19 Yelloweye rockfish</b>	CLOSED <sup>5/</sup>		
<b>20 Cowcod</b>	CLOSED <sup>5/</sup>		
<b>21 Bocaccio</b>	CLOSED <sup>5/</sup>		

Table 5 (South) contined

22	<b>Minor nearshore rockfish</b>		
23	Shallow nearshore	400 lb/ 2 months	300 lb/ 2 months 200 lb/ 2 months
24	Deeper nearshore	500 lb/ 2 months	300 lb/ 2 months 200 lb/ 2 months
25	California scorpionfish	800 lb/ 2 months	CLOSED <sup>5/</sup>
26	<b>Lingcod<sup>4/</sup></b>	300 lb/ month, when nearshore open	CLOSED <sup>5/</sup>
27	<b>Other Fish<sup>6/</sup></b>	Not limited	
28	<b>PINK SHRIMP EXEMPTED TRAWL GEAR</b> (not subject to RCAs)		
29	South	<p><b>Effective April 1 - October 31, 2003:</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>	
30	<b>PRAWN AND, SOUTH OF 38°57'30" N. LAT., CALIFORNIA HALIBUT AND SEA CUCUMBER EXEMPTED TRAWL</b>		
31	<b>EXEMPTED TRAWL Rockfish Conservation Area<sup>7/</sup> (RCA):</b>		
32	40°10' - 38° N. lat.	60 fm - 200 fm	
33	38° - 34°27' N. lat.	60 fm - 200 fm	
34	South of 34°27' N. lat.	100 fm - 200 fm along the mainland coast; shoreline - 200 fm around islands	
35		<p>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, curlfin sole, or California scorpionfish (California scorpionfish is also subject to the trip limits and closures in line 25.)</p>	



*Table 5 (South) continued*

1/ "South" means 40°10' N. lat. to the U.S.-Mexico border. 40°10' N. lat. is about 20 nm south of Cape Mendocino, CA.

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

3/ "Other flatfish" means all flatfish at 50 CFR 660.302 except those in this Table 5 with species specific management measures, including trip limits.

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

5/ Closed means that it is prohibited to take and retain, possess, or land the designated species in the time or area indicated. See IV. A.(7).

6/ Other fish are defined at 50 CFR 660.302, as those groundfish species or species groups for which there is no trip limit, size limit, quota, or harvest guideline.

7/ 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 IV. A.(19)(e), that may vary seasonally.

8/ During July-August, between a line drawn due south from Point Fermin (33° 42' 30" N. lat.; 118° 17' 30" W. long.) and a line drawn due west from the Newport South Jetty (33° 35' 37" N. lat.; 117° 52' 50" W. long.), vessels fishing for all federal groundfish species, except lingcod and all rockfish other than California scorpionfish, with hook&line and/or trap (or pot) gear may operate from shore to a seaward boundary line which approximates 50 fm.

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

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*For more information contact:* NMFS Northwest Region at 206-526-6140 or visit our website at <http://www.nwr.noaa.gov/1sustfsh/gdfsh01.htm>; NMFS Southwest Region at 562-980-4000; Washington Department of Fish and Wildlife at 360-249-4628; Oregon Department of Fish and Wildlife at 541-867-4741; or the California Department of Fish and Game at 707-441-5797 (Eureka), 510-581-7358 (Belmont), 562-342-7184 (Los Alamitos), 858-546-7167 (La Jolla).

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