

**RECOMMENDATIONS TO THE PACIFIC FISHERY MANAGEMENT
COUNCIL REGARDING F5 ATT 2 APPENDIX C NEW MANAGEMENT
MEASURES**

**Modify recreational fixed gear depths inside the Western Cowcod
Conservation Area (Section C.3.5)**

SANTA BARBARA ISLAND RECOMMENDATIONS

30-Fathom Recommended RCA Line Waypoints

The briefing book provides the following waypoints for the RCA lines around Santa Barbara Island:

Table C-53. Proposed 30 fathom coordinates for Santa Barbara Island.

Order	Action	LatDeg_New	LatMin_New	LongDeg_New	LongMin_New
1	Add	33	30.38	119	3.15
2	Add	33	29.64	119	0.58
3	Add	33	27.24	119	1.73
4	Add	33	27.76	119	3.48
5	Add	33	30.38	119	3.15

We recommend that a fifth Waypoint be added to define the 30 fathom recreational fishing boundary. This will result in substantial increase in fishing opportunity while decreasing pressure on the overall area. This will reflect an increase of approximately 25% of recreational fishing area. The waypoint was identified using a high-resolution navigational chart at a scale of 1:20,000. These changes encompass important recreational fishing opportunity while as closely as possible adhering to a 30-fathom maximum bathymetry profile of hard bottom.

Order	Action	LatDeg New	LatMinNew	LonDegNew	LonMinNew
1	Add	33	30.38	119	03.15
2	Add	33	29.64	119	00.58
3	Add	33	27.24	119	01.73
4	Add	33	27.76	119	03.48
5	NEW	33	29.50	119	04.20
6	Add	33	30.38	119	03.15

40-Fathom Recommended RCA Line Waypoints

The briefing book provides the following waypoints for the 40 fathom RCA lines around Santa Barbara Island:

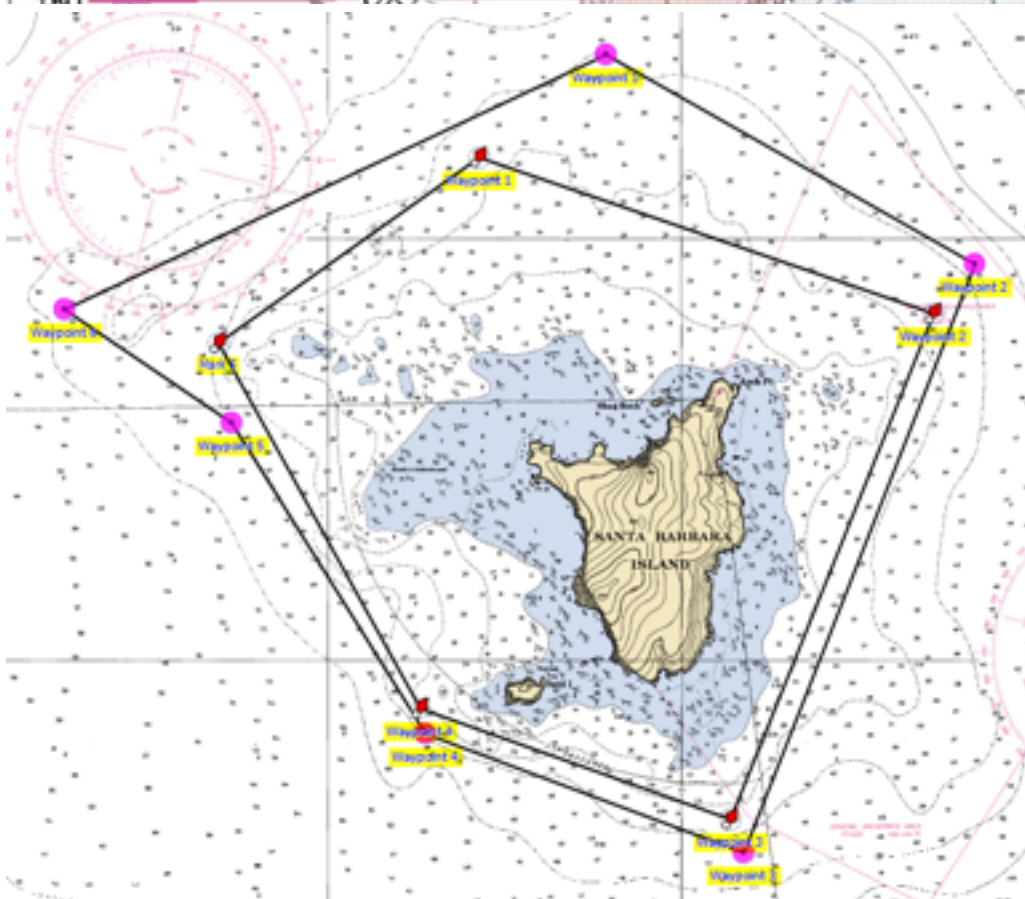
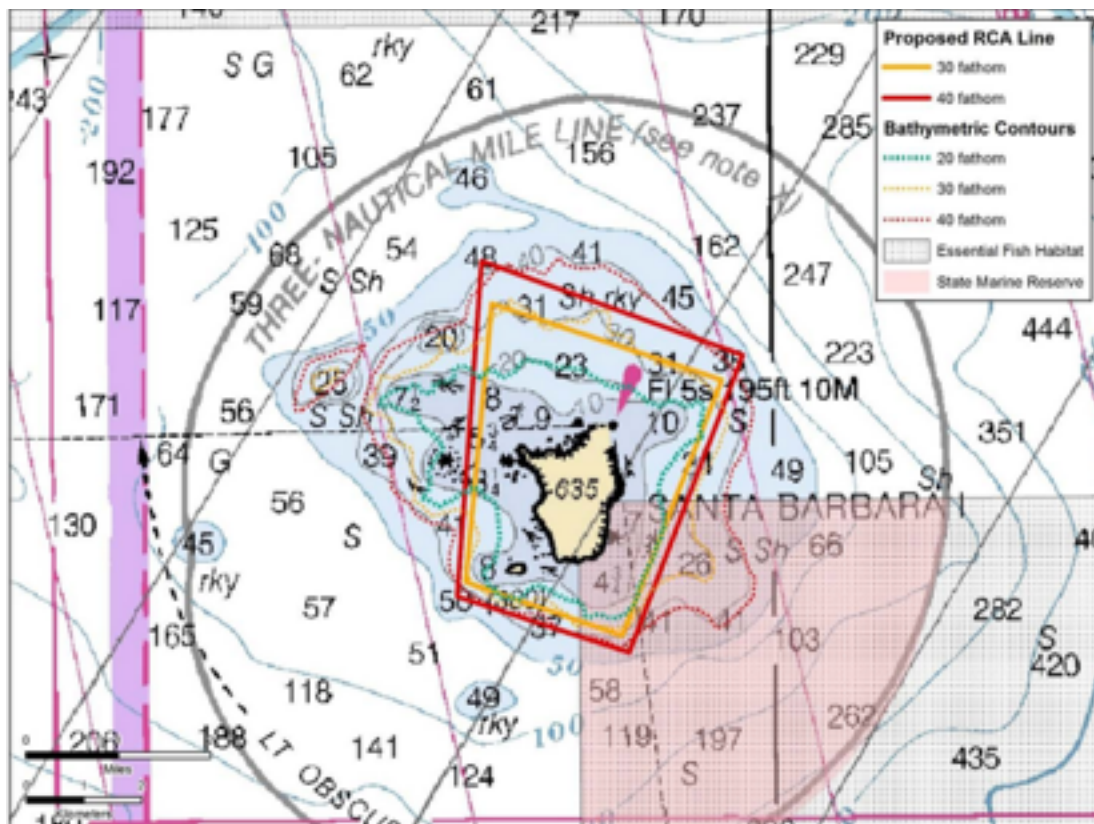
Table C-56. Proposed 40 fathom coordinates for Santa Barbara Island.

Order	Action	LatDeg New	LatMin New	LongDeg New	LongMin New
1	Add	33	30.78	119	3.27
2	Add	33	29.87	119	0.34
3	Add	33	27.08	119	1.65
4	Add	33	27.62	119	3.58
5	Add	33	30.78	119	3.27

We recommend that the following waypoints be used to define the 40 fathom recreational fishing boundaries. The waypoints were identified using a high-resolution navigational chart at a scale of 1:20,000. These changes encompass important recreational fishing opportunity while as closely as possible adhering to a 40-fathom maximum bathymetry profile of hard bottom. This adds approximately 30% to engage in recreational fishing while also decreasing pressure on the overall area.

Order	Action	LatDeg New	LatMinNew	LonDegNew	LonMinNew
1	New	33	30.87	119	02.43
2	Add	33	29.87	119	00.34
3	Add	33	27.08	119	01.65
4	New	33	27.64	119	03.45
5	New	33	29.12	119	04.55
6	New	33	29.66	119	05.49
7	New	33	30.87	119	02.43

The following comparison is intended to provide a graphic depiction of the recommendation. The first chart is from the briefing book. The second chart is from the high resolution chart with the recommended changes.



TANNER BANK RECOMMENDATIONS

The briefing book provides the following waypoints for the 30 and 40 Fathom RCA lines around TANNER BANK:

Table C-55. Proposed 30 fathom coordinates for Tanner Bank.

Order	Action	LatDeg_New	LatMin_New	LongDeg_New	LongMin_New
1	Add	32	43.02	119	8.52
2	Add	32	41.81	119	6.20
3	Add	32	40.67	119	6.82
4	Add	32	41.62	119	9.46
5	Add	32	43.02	119	8.52

(In our proposal the 30 Fathom line remains the same.) However, we propose a change in the 40 Fathom line.

Table C-58. Proposed 40 fathom coordinates for Tanner Bank.

Order	Action	LatDeg_New	LatMin_New	LongDeg_New	LongMin_New
1	Add	32	43.40	119	8.56
2	Add	32	41.36	119	5.02
3	Add	32	40.07	119	5.59
4	Add	32	41.51	119	9.76
5	Add	32	43.40	119	8.56

We recommend that the following Waypoints be used to define the 40 fathom recreational fishing boundaries. These changes encompass important recreational fishing opportunity while as closely as possible adhering to a 40-fathom maximum bathymetry profile of hard bottom. This adds approximately 30% of fishing area while decreasing pressure on the overall area.

Order	Action	LatDeg New	LatMinNew	LonDegNew	LonMinNew
1	Add	32	43.40	119	08.56
2	Add	32	41.36	119	05.02
3	Add	32	40.07	119	05.59
4	Add	32	41.51	119	09.76
5	New	32	42.44	119	09.34

6	New	32	43.96	119	12.28
7	New	32	44.40	119	11.89
8	Add	32	43.40	119	08.56

The following comparison is intended to provide a graphic depiction of the recommendation. The first chart is from the briefing book. The second chart reflects the recommended changes.

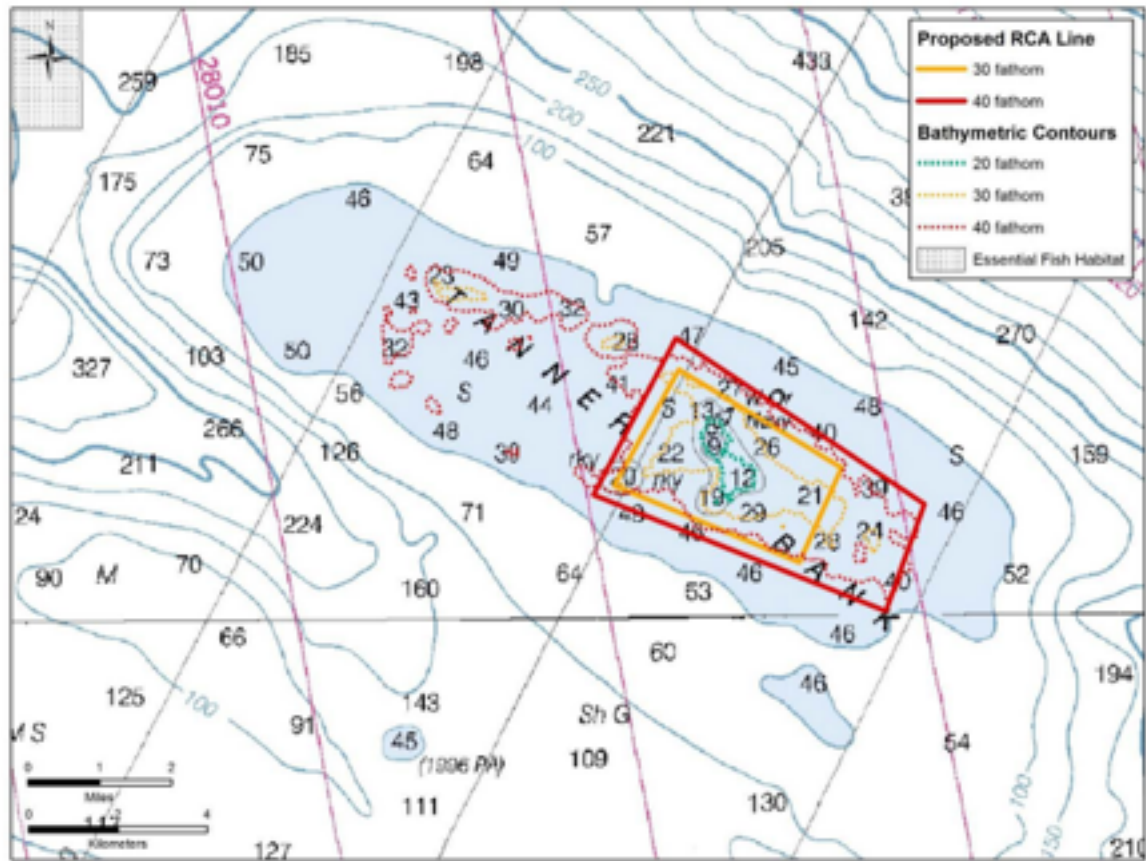
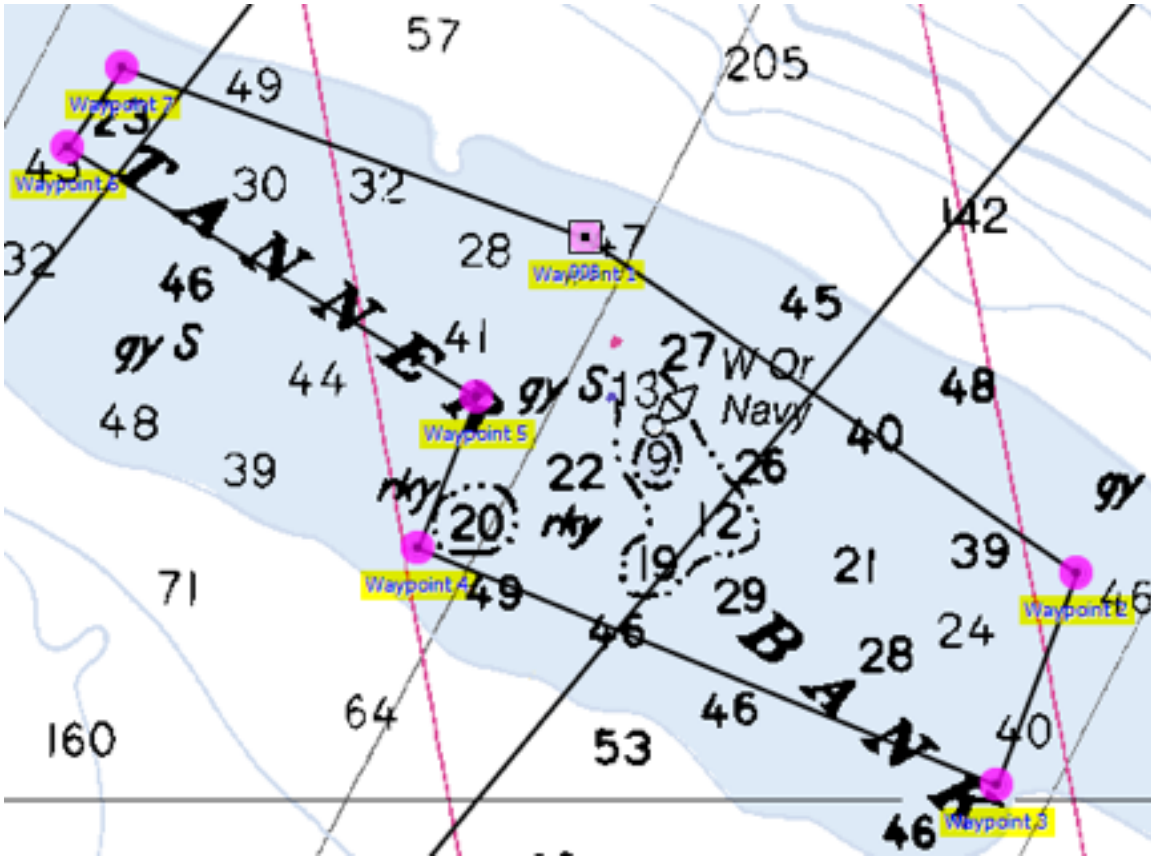


Figure C-31. Proposed 30 fm and 40 fm RCA lines around Tanner Bank.

Proposal from the briefing book



Proposed change to Tanner Bank with 5,6,&7 added

SAN NICHOLAS ISLAND RECOMMENDATIONS

30-Fathom Recommended RCA Line Waypoints

The briefing book provides the following waypoints for the 30 fathom RCA lines around SAN NICHOLAS ISLAND:

Table C-54. Proposed 30 fathom coordinates for San Nicolas Island.

Order	Action	LatDeg_New	LatMin_New	LongDeg_New	LongMin_New
1	Add	33	18.39	119	38.87
2	Add	33	18.63	119	27.52
3	Add	33	15.24	119	20.10
4	Add	33	13.27	119	20.10
5	Add	33	12.16	119	26.82
6	Add	33	13.20	119	31.87
7	Add	33	15.70	119	38.87
8	Add	33	18.39	119	38.87

We recommend that one waypoint be added to redefine the recreational fishing boundary on the west end of the island. This was based on again plotting with a high-resolution navigational chart.

Order	Action	LatDeg New	LatMinNew	LonDegNew	LonMinNew
1	Add	33	18.39	119	38.87
2	Add	33	18.63	119	27.52
3	Add	33	15.24	119	20.10
4	Add	33	13.27	119	20.10
5	Add	33	12.16	119	26.82
6	Add	33	13.20	119	31.87
7	Add	33	15.70	119	38.87
8	NEW	33	17.52	119	40.15
9	Add	33	18.39	119	38.87

The following comparison is intended to provide a graphic depiction of the recommendation. The first chart is from the briefing book. The second chart reflects the recommended change.

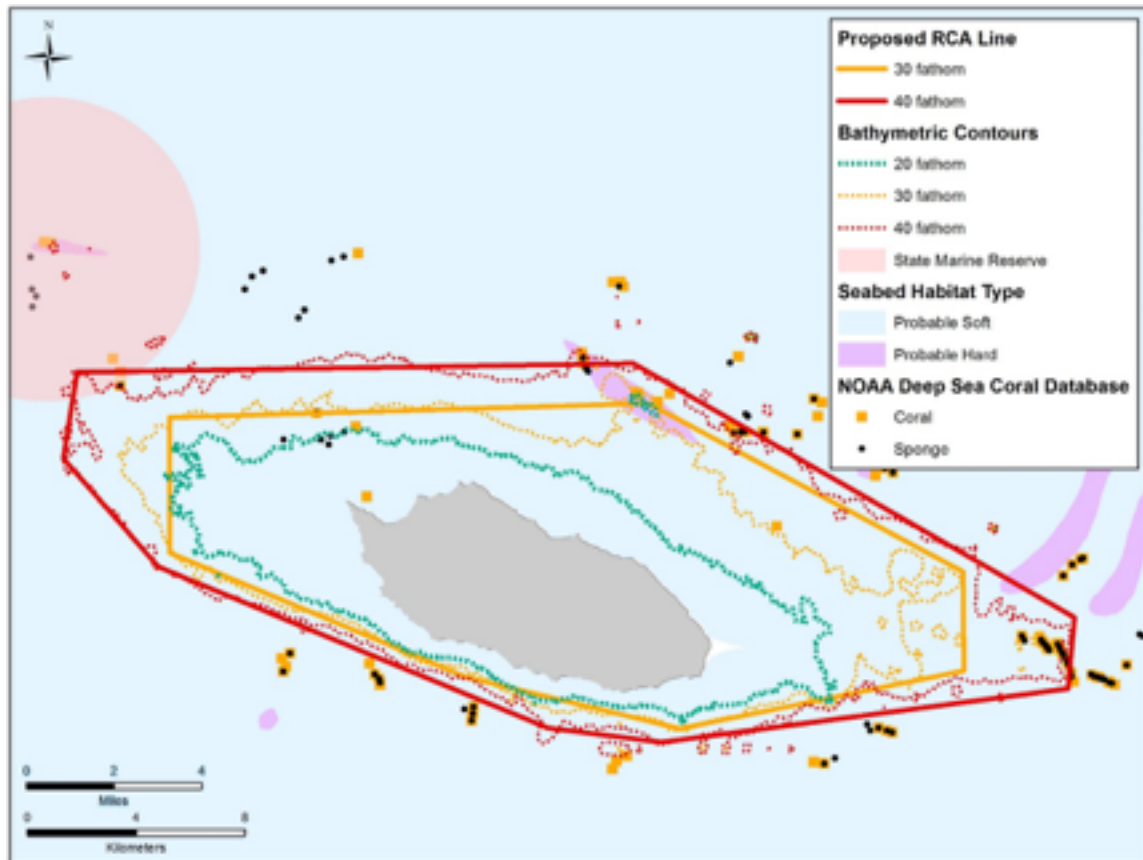
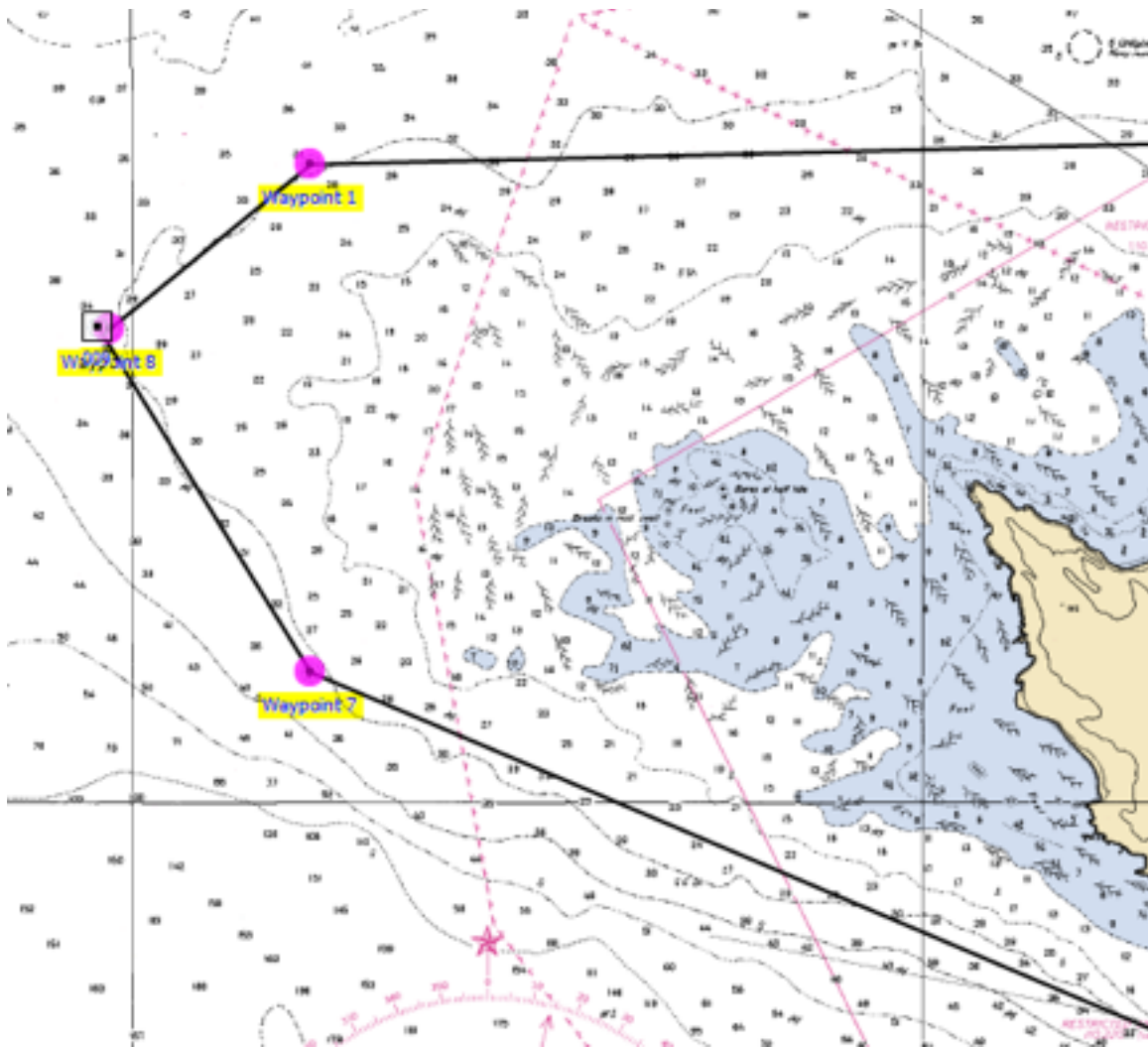


Figure C-30. Proposed RCA changes around San Nicolas island including habitat type and sponge/coral observations (source: Pacific Groundfish EFH 5-Year Review and NOAA Deep Sea Coral Database).



West end of San Nicholas 30 fathom line with proposed WP 8 added

We recommend the 40 Fathom line for Santa Nicholas Island remain the same as in the briefing book

Table C-57. Proposed 40 fathom coordinates for San Nicolas Island.

Order	Action	LatDeg_New	LatMin_New	LongDeg_New	LongMin_New
1	Add	33	19.30	119	41.05
2	Add	33	19.42	119	27.88
3	Add	33	14.31	119	17.48
4	Add	33	12.90	119	17.64
5	Add	33	11.89	119	27.26
6	Add	33	12.19	119	29.96
7	Add	33	15.42	119	39.14
8	Add	33	17.58	119	41.38
9	Add	33	19.30	119	41.05

CORTEZ BANK RECOMMENDATIONS

We recommend that the 30-Fathom Coordinates remain the same as in the briefing book

Table B- 15. Proposed 30 fathom coordinates for Cortez Bank.

Order	Action	LatDeg New	LatMin New	LongDeg New	LongMin New
1	Add	32	29.73	119	12.95
2	Add	32	28.17	119	7.04
3	Add	32	26.27	119	4.14
4	Add	32	25.22	119	4.77
5	Add	32	28.6	119	14.15
6	Add	32	29.73	119	12.95

However, we recommend that certain 40-Fathom RCA Line waypoints be changed

The briefing book provides the following waypoints for the 40 fathom RCA lines around Cortez Bank:

Table C-59. Proposed 40 fathom coordinates for Cortez Bank.

Order	Action	LatDeg New	LatMin New	LongDeg New	LongMin New
1	Add	32	30	119	12.98
2	Add	32	28.33	119	6.81
3	Add	32	26.29	119	3.8
4	Add	32	24.91	119	4.7
5	Add	32	28.48	119	14.66
6	Add	32	30	119	12.98

We recommend that two waypoints be adjusted southeast to redefine the recreational fishing boundary to encompass additional 40 fathom habitat.

Order	Action	LatDeg New	LatMinNew	LonDegNew	LonMinNew
1	Add	32	30	119	38.87
2	Add	32	28.33	119	27.52
3	NEW	32	25.69	119	03.21
4	NEW	32	24.66	119	03.83
5	Add	32	28.48	119	14.66
6	Add	32	30	119	38.87

The following comparison is intended to provide a graphic depiction of the recommendation. The first chart is from the briefing book. The second chart reflects the recommended change.

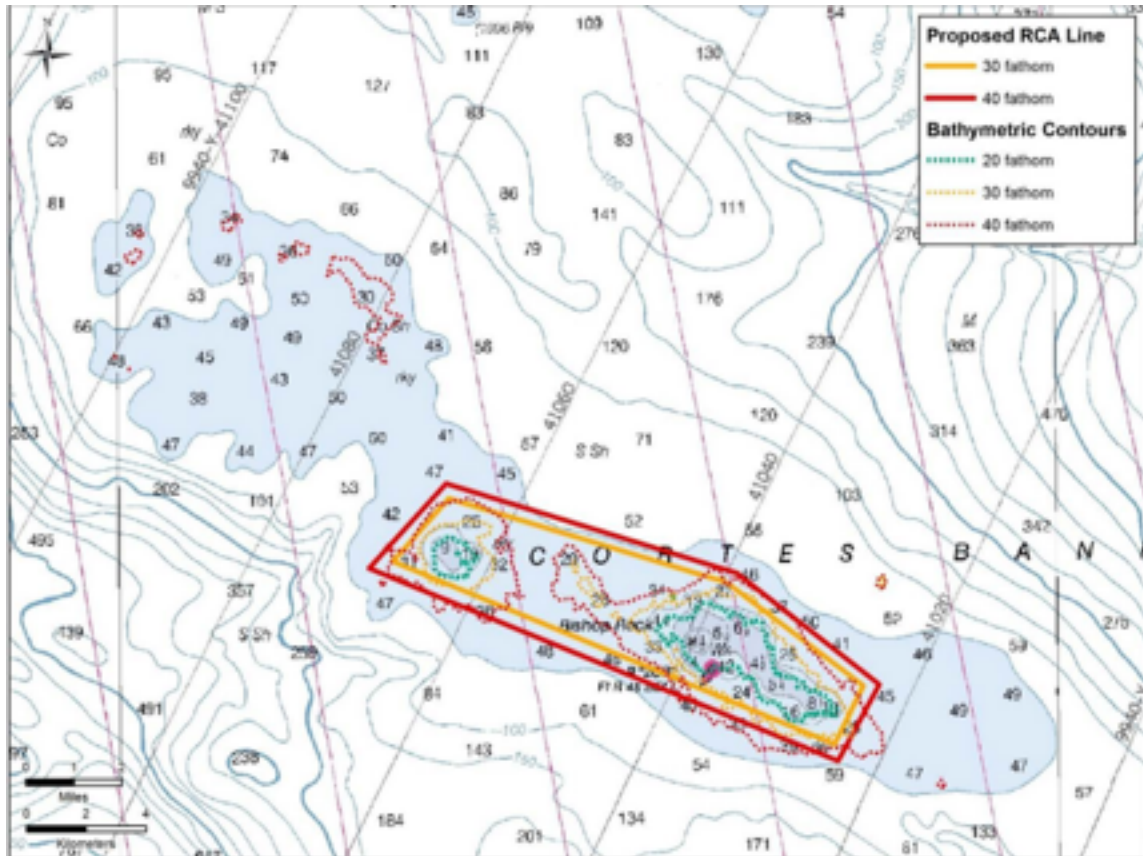


Figure C-33. Proposed 30 fm and 40 fm RCA lines around Cortes Bank.

