

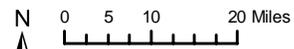
- Legend**
- Pending Military Closures
  - Proposed State Marine Conservation Area (SMCA)
  - Proposed State Marine Park (SMP)
  - Proposed State Marine Reserve (SMR = No Take)
  - South Coast Study Region Boundary

**California Marine Life Protection Act (MLPA) Initiative**

This map represents a marine protected area (MPA) proposal that has been submitted external from the MLPA South Coast Regional Stakeholder Group MPA planning process. This external proposal is under review; it is NOT a recommendation to the California Fish and Game Commission.

For more detailed maps please visit: [www.marinemap.org/marinemap](http://www.marinemap.org/marinemap)

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Fisheries Information Committee supporting the Fisheries Information Network

**FIC/FIN EXTERNAL PROPOSAL FOR MLPA, SOUTH COAST STUDY REGION**

Revised May 12, 2009

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Please note: Contributors mentioned above served as liaison in their local communities, clubs, and organizations. Through several harbor, community, organization, and stakeholder meetings, the voices of many stakeholders, including county/local governments, club members, organizations and individuals, were considered in drafting this proposal.

Please contact Joe Exline at [jexline1@roadrunner.com](mailto:jexline1@roadrunner.com) or 760.597.1353 for additional information.

California MLPA South Coast Project  
FIC/FIN External proposal revised May 12, 2009

**Name of MPA Proposal:** FIC/FIN External Proposal

**Number and type of MPAs in MPA array:** 29 SMR 2 SMP 14 SMCA 2 Military 47 Total

**Narrative Rationale:** This external proposal was developed in a collaborative process by the Fisheries Information Committee, representing the Fisheries Information Network (FIC/FIN), with extensive input from a wide cross section of consumptive, non-consumptive and maritime interests from ports and harbors across southern California. This proposal aims to meet the goals and objectives of the Marine Life Protection Act (MLPA), including protecting key and unique habitats, and address guidance received from the Science Advisory Team, California Department of Fish and Game and MLPA Blue Ribbon Task Force, while also attempting to reduce socio-economic impacts on south coast harbor communities. This proposal builds a strong 'backbone' network of State Marine Reserves and high protection State Marine Conservation Areas, allowing for ease of enforcement and public understanding. Also included in this proposal are retained or modified existing MPAs that serve local educational, scientific, and recreational objectives. This proposal builds on input and cross-community support from many users including commercial, recreational, and diving interests as well as harbor and south coast community representatives.

Please note that all existing North Channel Islands MPAs, although not listed here, are included in this network unchanged, as recommended by the California Fish and Game Commission. Table 1 below includes only the additional MPAs this proposal adds (new), retains or substantially modifies. This table is a brief description of the MPAs detailed information on each is included in Marine Map in the array Proposal\_XA\_Round2. A complete list of existing MPAs and recommended actions regarding their disposition (i.e. retain as is, modify, or eliminate) follows in Table 2 of this submittal.

**TABLE 1**

MPA Name	Type (SMR, SMCA, SMP)	General MPA boundaries	Comments Questions Important Information
Point Conception (new)	SMR	34° 27.000' N to 120° 25.000' W from MHT line to state water boundary	Exemption language for DoD may be required
Campus Point (new)	SMR	119° 53.500 W to 119° 50.640' W from MHT to state water boundary	
Goleta Slough (modified)	SMR	Area below MHT within Goleta Slough Ecological Reserve	State Parks appeared to not want as SMP
Big Sycamore Canyon (modified)	SMR	119° 03.500' W to 119° 00.000' W from MHT to state water boundary	Replaces current SMR
Deer Creek (new)	SMCA	119° 00.000' W to 118° 58.500' W from MHT to state water boundary	
Malibu (new)	SMR	118° 40.000 W to 118° 37.000' W from MHT to state water boundary	
Point Vicente (new)	SMR	33° 44.500' N to 118° 24.700' W from MHT to state water boundary	
Portuguese Bend (new)	SMCA	118° 24.700 W to 118° 21.000 W from MHT to state water boundary	Replaces Abalone Cove SMP
Point Fermin (retained)	SMP	Current boundaries	
Bolsa Chica (retained)	SMP	Area below MHT within Bolsa Chica Ecological Reserve	
Upper Newport Bay (modified)	SMCA	Area below MHT from south end of Shellmaker Island to North Star Beach at 33° 37.380' N (see Marine Map)	State Parks appeared not to want SMP
Crystal Cove (modified)	SMCA	Area below MHT and bounded by straight lines between the following points in order 33° 35.260' N/117° 52.000' W 33° 35.000' N/117° 52.000 W 33° 33.240' N/117° 49.200 W	See <a href="http://www.ocmarineprotection.org">www.ocmarineprotection.org</a> for information about Orange county Inter-tidal protection goals
Laguna (new)	SMR	117° 48.200' W to 117° 46.300' W from MHT to state water boundary	
Laguna Coast (modified)	SMCA	Area below MHT and bounded by straight lines connecting the following points in order 33° 31.600' N/117° 46.300' W 33° 31.000' N/117° 46.300' W 33° 30.000' N/117° 45.000' W	See <a href="http://www.ocmarineprotection.org">www.ocmarineprotection.org</a> for information about Orange county Inter-tidal protection goals

California MLPA South Coast Project  
FIC/FIN External proposal revised May 12, 2009

MPA Name	Type (SMR, SMCA, SMP)	General MPA boundaries	Comments Questions Important Information
		33° 30.000' N/117° 44.660' W	
Dana Point (modified)	SMCA	Area below MHT and bounded by straight lines connecting the following points in order 33° 29.070' N/117° 44.040' W 33° 27.350' N/117° 43.300' W 33° 27.408' N/117° 42.270' W	See <a href="http://www.ocmarineprotection.org">www.ocmarineprotection.org</a> for information about Orange county Inter-tidal protection goals
Doheny Beach (modified)	SMCA	Area bounded by straight lines connecting the following points in order: 33° 27.70 N/117° 41.38 W. 33° 27.48 N/117° 41.39 W. 33° 27.48 N/117° 40.43 W.	
Batiquitos Lagoon (modified)	SMR	Area below MHT within Batiquitos Ecological Reserve to fence at 117° 18.725 W	State Parks appeared not to want SMP
San Elijo Lagoon (modified)	SMR	Area below MHT within San Elijo Ecological Reserve	State Parks appeared not to want SMP
San Dieguito Lagoon (modified)	SMR	Area below MHT within San Dieguito Ecological Reserve	JPA Board decided 2/20/09 to designate the lagoon an SMR
Del Mar SMR (new)	SMR	32° 58.600' N to 32° 56.000' N from MHT to state water boundary	Beach replenishment activities vital in this area and need to continue
La Jolla (modified)	SMR	Area below MHT and bounded by straight lines connecting the following points in order 32° 51.860' N/117° 15.280' W 32° 51.860' N/117° 16.250' W 32° 51.220' N/117° 16.170' W 32° 51.070' N/117° 16.400' W	Squid take not needed, marked by buoys maintained by city of San Diego lifeguards
Sunset Cliffs (new)	SMR	Area bounded by MHT and the following lines 32° 44.800' N 117° 17.000' W 32° 43.200' N	
Ocean Beach (new)	SMCA	Area bounded by state water boundary and the following lines: 32° 46.000' N 117° 17.000' W 32° 43.200' N	
Cabrillo (modified)	SMR	Area bounded by MHT and the following lines: 32° 40.600' N 117° 15.000' W 32° 39.700' N 117° 14.300' W	Local enforcement, education, and monitoring from provided by National Park Service
Oneonta Slough (new)	SMR	Area below MHT within Tijuana River Ecological Reserve	
Blue Cavern (modified)	SMR	Area bounded by MHT and the following lines: 118° 29.300' W 33° 27.000' N 118° 27.000' W	
Bird Rock (new)	SMCA	Area bounded by the state water boundary and the following lines: 118° 29.300' W 33° 27.000' N 118° 27.000' W	
Cat Harbor (new)	SMCA	Area bounded MHT and straight lines connecting the following points 33° 25.315' N/118° 30.760' W 33° 25.300' N/118° 25.950' W	
Casino Point (new)	SMR	Area bounded MHT and straight lines connecting the following points in order: 33° 20.960' N/118° 19.560' W 33° 21.000' N/118° 19.520' W	Local enforcement, signage, and boundary indicators

California MLPA South Coast Project  
FIC/FIN External proposal revised May 12, 2009

MPA Name	Type (SMR, SMCA, SMP)	General MPA boundaries	Comments Questions Important Information
		33° 20.920' N/118° 19.380' W 33° 20.900' N/118° 19.430' W	
Lovers Cove (modified)	SMCA	Area below MHT and bounded by the following lines: 33° 20.700' N 118° 18.900' W	
Farnsworth Bank (retained)	SMCA	Area bounded by the following lines: 33° 21.000' N 118° 30.500' W 33° 20.000' N 118° 32.000' W	No take of purple hydrocoral
Military Closure Wilson Cove	N/A	Military area Wilson cove	
Military Closure SWAT 1	N/A	Military Area SWAT 1	
Begg Rock (new)	SMR	All area around Begg Rock from MHT to state water boundary	

**TABLE 1: Array of MPA areas excluding North Channel Islands**

\* See Marine Map entries for details

Notes:

- MPAs included in this external proposal are described in detail under the FICFIN user account in Marine Map.

- In light of the extraordinarily high potential socio-economic impacts to both recreational and commercial fisheries at Catalina Island, this proposal considers the Southern Island bioregion as a work in progress, still awaiting SAT and BRTF guidance on potential Navy closures at San Clemente Island, which represents significant biodiversity and kelp habitat in the bioregion. We reserve the opportunity to make modifications to MPAs around Catalina Island after the May 18<sup>th</sup> and 19<sup>th</sup> BRTF meetings.

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FIC/FIN External proposal revised May 12, 2009

**TABLE 2****Consideration of existing State MPAs in FIC/FIN external proposal:**

Below is the recommended action to be taken with existing State MPA areas.

MPA Name	Retained without change	Retained with boundary or regulation change	Eliminated or replaced
Refugio SMCA			Eliminate
Goleta Slough SMP		Classify as SMR	
Big Sycamore Canyon SMR			Replaced by new Big Sycamore Cyn SMR
Abalone Cove SMP			Replaced by Portuguese Bend SMCA
Point Fermin SMP	Retain as is		
Arrow Point to Lion Head Pt. Special Closure			Eliminate
Catalina Marine Science Center SMR		Modify boundaries for feasibility	
Lovers Cove SMCA		Modify boundaries for feasibility	
Farnsworth Bank SMCA	Retain as is		
Bolsa Chica SMP	Retain as is		
Upper Newport Bay SMP		Modify boundaries and change designation to SMCA	
Robert E. Badham SMCA			Eliminate
Irvine Coast SMCA			Eliminate
Crystal Cove SMCA		Modify boundaries and allowed take	
Heisler Park SMR			Replaced by Laguna SMR
Laguna Beach SMCA		Modify boundaries and allowed take	
South Laguna Beach SMCA			Eliminate
Niguel SMCA			Eliminate
Dana Point SMCA		Modify boundaries and allowed take	
Doheny SMCA			Eliminate
Doheny Beach SMCA		Modify boundaries and allowed take	
Buena Vista Lagoon SMP			Out of Study region
Agua Hedionda SMR			Eliminate
Batiquitos Lagoon SMP		Modify boundaries to include entire estuary and change to SMR	
Encinitas SMCA			Eliminate
Cardiff San Elijo SMCA			Eliminate
San Elijo Lagoon SMP		Classify as SMR – Same boundaries	
San Dieguito Lagoon SMP		Classify as SMR – Same boundaries	
San Diego Scripps SMCA			Eliminate
La Jolla SMCA		Classify as SMR	
Mia J. Tegner SMCA			Replaced by Cabrillo SMR

**TABLE 2: Disposition of existing MPA areas (continued)**

Additional justification is provided below for retaining certain MPA areas that do not meet Department of Fish and Game feasibility guidelines.

Example: The boundaries of La Jolla SMCA, proposed for reclassification to SMR, are clearly defined in public educational displays that have wide acceptance in the community.



California MLPA South Coast Project  
FIC/FIN External proposal revised May 12, 2009



**California Marine Life Protection Act Initiative**  
**South Coast Study Region: Round 2 Evaluation**  
**Staff Summary of Area and Habitats in Revised External MPA Proposal A**  
*June 9, 2009*

**Summary of MPAs by Designation for Revised External MPA Proposal A**

Type of MPA <sup>1</sup>	# of MPAs	Area (mi <sup>2</sup> )	% of Study Region
State Marine Reserve (SMR)	29	291.9	12.4%
State Marine Recreational Managed Area (SMRMA)	0	0.0	0.0%
State Marine Park (SMP)	2	0.3	0.0%
State Marine Conservation Area (SMCA)	14	50.1	2.1%
Undesignated	2	36.7	1.6%
<b>All MPAs combined</b>	<b>47</b>	<b>378.9</b>	<b>16.1%</b>

<sup>1</sup> Note: These are proposed marine protected area (MPA) designations, NOT levels of protection assigned by the MLPA Master Plan Science Advisory Team (SAT). SMRMA is not an MPA designation, but rather a marine managed area designation. The "Undesignated" are the pending military closures.

**Summary of MPAs by Level of Protection for Revised External MPA Proposal A**

Level of Protection (LOP)	# Proposed	Area (mi <sup>2</sup> )	% of Study Region
Very High <sup>2</sup>	29	291.9	12.4%
High	3	28.6	1.2%
Moderate-High	2	6.5	0.3%
Moderate	0	0.0	0.0%
Low <sup>3</sup>	11	15.2	0.6%
Not applicable <sup>4</sup>	2	36.7	1.6%
<b>Total</b>	<b>47</b>	<b>378.9</b>	<b>16.1%</b>

<sup>2</sup> Note: The "Very High" category includes MPAs with SMR designation, as well as MPAs with a SMRMA designation.

<sup>3</sup> Note: The "Low" category groups together MPAs that are assigned a moderate-low and lower level of protection.

<sup>4</sup> Note: These are the pending military closures. These are not assigned a level of protection.

**Individual MPAs in Revised External MPA Proposal A**

MPA Name	Size (mi <sup>2</sup> )	Along-shore Span <sup>6</sup> (mi)	Depth Range <sup>7</sup> (ft)
Richardson Rock SMR <sup>5</sup>	40.69	6.3	95 - 558
Judith Rock SMR <sup>5</sup>	4.55	1.2	0 - 487
Harris Point SMR <sup>5</sup>	25.35	5.4	0 - 557
South Point SMR <sup>5</sup>	13.05	3.5	0 - 1071
Carrington Point SMR <sup>5</sup>	12.76	4.0	0 - 211
Skunk Point SMR <sup>5</sup>	1.39	2.2	0 - 83
Painted Cave SMCA <sup>5</sup>	1.78	1.9	0 - 291
Gull Island SMR <sup>5</sup>	19.91	4.8	0 - 2205
Scorpion SMR <sup>5</sup>	9.62	2.6	0 - 769
Footprint SMR <sup>5</sup>	7.05	4.7	171 - 1656
Anacapa Island SMCA <sup>5</sup>	7.30	2.0	0 - 490
Anacapa Island SMR <sup>5</sup>	11.54	3.1	0 - 709
Santa Barbara Island SMR <sup>5</sup>	12.76	1.0	0 - 1655

California Marine Life Protection Act Initiative, South Coast Study Region  
Staff Summary of Area and Habitats in Revised External MPA Proposal A  
June 9, 2009

MPA Name	Size (mi <sup>2</sup> )	Along-shore Span <sup>6</sup> (mi)	Depth Range <sup>7</sup> (ft)
Point Conception SMR	22.51	5.3	0 - 489
Campus Point SMR	10.13	2.8	0 - 701
Goleta Slough SMR	0.25	N/A	N/A
Big Sycamore Canyon SMR	13.07	3.6	0 - 1476
Deer Creek SMCA	5.82	1.6	0 - 497
Malibu SMR	10.32	2.8	0 - 372
Point Vicente SMR	10.50	2.8	12 - 2640
Portuguese Bend SMCA	13.81	3.7	0 - 2479
Point Fermin SMP	0.07	0.6	0 - 20
Bolsa Chica SMP	0.25	N/A	N/A
Upper Newport Bay SMCA	1.10	N/A	N/A
Crystal Cove SMCA	0.94	3.4	0 - 76
Laguna SMR	9.91	2.3	0 - 1801
Laguna Coast SMCA	0.52	2.2	0 - 49
Dana Point SMCA	1.05	2.5	0 - 63
Doheny Beach SMCA	0.19	0.9	0 - 13
Batiquitos Lagoon SMR	0.67	N/A	N/A
San Elijo Lagoon SMR	0.44	N/A	N/A
Del Mar SMR	10.75	3.0	0 - 1057
San Dieguito Lagoon SMR	0.52	N/A	N/A
La Jolla SMR	0.77	1.1	0 - 214
Ocean Beach SMCA	6.47	3.2	107 - 323
Sunset Cliffs SMR	2.90	1.8	0 - 127
Cabrillo SMR	0.38	1.3	0 - 30
Oneonta Slough SMR	0.75	N/A	N/A
Bird Rock SMCA	8.97	2.3	75 - 2616
Blue Cavern SMR	1.34	2.3	0 - 691
Cat Harbor SMCA	0.33	0.7	0 - 186
Farnsworth Bank SMCA	1.68	1.2	135 - 403
Casino Point SMR	0.01	0.1	0 - 73
Lover's Cove SMCA	0.06	0.4	0 - 188
Begg Rock SMR	37.96	6.9	219 - 374
San Clemente Island Pending Military Closure 1	17.44	3.9	0 - 1682
San Clemente Island Pending Military Closure 2	19.24	5.4	0 - 3938

<sup>5</sup> Note: State MPAs around the Northern Channel Islands are to be part of all proposals, as directed by the California Fish and Game Commission and are notated by the footnote. MPAs listed below the broken line are those being proposed.

<sup>6</sup> Note: Alongshore span measured as direct line from one end of the MPA to the other. Estuarine MPAs are not given an alongshore span.

<sup>7</sup> Note: Comprehensive bathymetric data for all estuaries is not available. Though bathymetric data do exist in portions of some estuaries, depth ranges are not provided for estuarine MPAs for consistency in evaluations.

**Habitat Representation in Revised External MPA Proposal A**

Habitat <sup>8</sup>	SMR		SMRMA		SMP		SMCA		Undesignated		Total MPAs	
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
<b>Intertidal</b>												
Sandy or gravel beach*	27.08	7%	0.00	0%	0.00	0%	12.49	3%	6.04	2%	45.61	12%
Rocky shores*	42.86	15%	0.00	0%	0.54	<1%	13.94	5%	1.82	1%	59.15	21%
Hardened shores*	3.12	1%	0.00	0%	0.92	<1%	1.46	<1%	0.11	<1%	5.62	2%
Coastal marsh*	17.26	29%	0.00	0%	2.49	4%	7.24	12%	0.00	0%	26.99	45%
Coastal marsh	1.19	20%	0.00	0%	0.08	1%	0.74	12%	0.00	0%	2.01	33%
Tidal flats*	2.57	9%	0.00	0%	0.99	3%	2.64	9%	0.00	0%	6.21	22%
<b>Seagrass beds</b>												
Surfgrass*	24.51	34%	0.00	0%	0.00	0%	4.55	6%	3.09	4%	32.15	44%
Eelgrass	0.20	4%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.20	4%
<b>Estuarine</b>												
Estuary	2.63	6%	0.00	0%	0.25	1%	1.10	3%	0.00	0%	3.97	9%
<b>Soft bottom</b>												
0-30 meters	29.29	7%	0.00	0%	0.00	0%	4.26	1%	0.01	<1%	33.56	8%
0-30 meters proxy*. <sup>9</sup>	37.49	10%	0.00	0%	0.00	0%	13.28	4%	1.30	<1%	52.07	14%
30-100 meters	107.84	16%	0.00	0%	0.00	0%	17.46	3%	0.96	<1%	126.26	19%
100-200 meters	36.13	23%	0.00	0%	0.00	0%	3.37	2%	0.00	0%	39.50	25%
>200 meters	19.23	8%	0.00	0%	0.00	0%	14.28	6%	0.00	0%	33.51	14%
<b>Hard bottom</b>												
0-30 meters	8.72	8%	0.00	0%	0.07	<1%	1.44	1%	1.79	2%	12.02	11%
0-30 meters proxy*. <sup>9</sup>	19.89	10%	0.00	0%	0.00	0%	4.61	2%	7.02	4%	31.51	16%
30-100 meters	8.75	18%	0.00	0%	0.00	0%	0.69	1%	1.07	2%	10.51	22%
100-200 meters	0.83	21%	0.00	0%	0.00	0%	0.01	<1%	0.00	0%	0.83	21%
>200 meters	0.04	2%	0.00	0%	0.00	0%	0.21	10%	0.00	0%	0.26	12%
<b>Unknown</b>												
0-30 meters	5.98	4%	0.00	0%	0.25	<1%	2.77	2%	0.46	<1%	9.46	6%
30-100 meters	28.60	13%	0.00	0%	0.00	0%	4.49	2%	5.89	3%	38.98	18%
100-200 meters	21.48	19%	0.00	0%	0.00	0%	0.59	1%	6.42	6%	28.49	25%
>200 meters	24.96	12%	0.00	0%	0.00	0%	0.49	<1%	20.08	10%	45.52	23%

Habitat <sup>8</sup>	SMR		SMRMA		SMP		SMCA		Undesignated		Total MPAs	
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
<b>Kelp forest</b>												
Maximum kelp*	33.36	10%	0.00	0%	0.00	0%	6.63	2%	8.43	3%	48.42	14%
Kelp persistence*	16.65	9%	0.00	0%	0.11	<1%	2.27	1%	7.02	4%	26.04	14%

<sup>8</sup> Note: Habitats measured as an area (mi<sup>2</sup>) except for those with a \* notation. Habitats with a \* notation are expressed in linear units (mi).

<sup>9</sup> Note: There is limited fine scale data for nearshore habitat, shallower than 10-20 meters depth, in the south coast study region. A proxy for this area was created using a line parallel to the coast and classifying the substrate as either hard or soft substrate depending on the dominant habitat type in that area based on available data.

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Revised External MPA Proposal A (Round 2)**  
*Proposal Created May 14, 2009*

**MLPA Study Region: South Coast**  
**Name: External Proposal A (Round 2) 090513**  
**Author: Fishermen's Information Network**  
**File Revised: July 15, 2009**

**Total number of MPAs/closures: 47**  
 Number of SMRs: 29  
 Number of SMCAs: 14  
 Number of SMPs: 2  
 Number of Military Closures: 2  
**Total number of SMRMAs: 0**

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Point Conception SMR	65980	North Mainland	West and south: State waters boundary East: Whole minute line 120 degrees 25 minutes North: Whole minute line 34 degrees 27 minutes and mean high tide line.	SMR	TBD	All take is prohibited	Some exemption language for DoD activities may be required for this MPA similar to Vandenberg
Campus Point SMR	65971	North Mainland	North: Mean high tide line West: 119 degrees 53.500 minutes South: State water boundary East: 119 degrees 50.640 minutes (trying to line up with Goleta point and not create a wedge.	SMR	TBD	All take is prohibited	None specified
Goleta Slough SMR	65973	North Mainland	Waters below mean high tide line within the Goleta Slough Ecological Reserve.	SMR	TBD	All take is prohibited	Boating, swimming, wading, and diving are prohibited.
Big Sycamore Canyon SMR	65979	North Mainland	North: Mean high tide line West: 119 degrees 03.500 minutes (used half minute increment to make line closer to Mugu rock) South: State water boundary East: 119 degrees 00.000 minutes (current Big Sycamore boundary)	SMR	TBD	All take is prohibited	None specified

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Revised External MPA Proposal A (Round 2)**  
*Proposal Created May 14, 2009*

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Point Conception SMR	G1: (O-1,O-2,O-3,O-4), G2: (O-1,O-2), G3: (O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-2,O-3,O-4)	Major upwelling center for the Southern California Bight. Contains a mixture of northern and southern specie assemblages. Several bird species forage in this area. Contains an extensive mixture of habitats including rocky shores, rocky reefs, sandy bottom, and kelp forests. Provides a network link to the central coast region in addition to the south coast and offers protection for rockfish species.	This remote SMR meets the preferred size guideline, exceeds the guideline for maximum kelp and comes within 0.01 mile of the persistent kelp guideline. However, moving the eastern boundary one more degree to capture 0.01 mile of persistent kelp would negatively impact several fisheries.  The DoD has indicated that an MOU similar to Vandenberg will be required for this MPA.
Campus Point SMR	G1: (O-1,O-2,O-3,O-4), G2: (O-2,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-3,O-4)	This area contains a wide variety of habitats identified as important in the MLPA, including many oil seeps and an extensive kelp bed that meets the persistent kelp guideline. Proximity to UCSB campus provides multiple educational and research opportunities. Multiple species inhabit this area, including many valuable to fishing interests. The entrance to a seasonal estuarine environment is also protected by this MPA.	Located adjacent to the University of California, Santa Barbara, this MPA has exceptionally high educational and research value. Although the economic impact of this area also is high, this MPA offers valuable habitat and resource protection while maintaining areas such as Naples and Carpenteria reefs open to local fishing interests. Some connectivity to the central coast as well as the south coast network may also be afforded by this location. Boundaries were modified to address DFG feasibility guidelines. The eastern boundary was moved to Goleta Point, which is recognizable by shore and boat based users, and the western boundary was moved to a half minute.
Goleta Slough SMR	G1: (O-1,O-4), G2: (O-3), G3: (O-2,O-3), G4: (O-1), G5: (O-1,O-2,O-4,O-5), G6: (O-3,O-4)	This MPA provides an important estuary environment close to study opportunities. Eliminating take in this estuary does not significantly impact fisheries. This area provides nursery area for juveniles and contains valuable habitat estuarine grasses. Provides foraging area for various bird species.	None specified
Big Sycamore Canyon SMR	G1: (O-3,O-4,O-5), G2: (O-2), G3: (O-2), G4: (O-1), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-3,O-4)	Covers current Big Sycamore Canyon SMR, extending west to capture more canyon habitat. This MPA offers the only area of pristine coastline in the region, with a clean watershed and an ASBS. Provides protection for species associated with large areas of sandy/soft bottom at different depth ranges such as surf perch, halibut, and forage species that gather near the canyon edges.	Expanding the boundary farther west would have a significant impact on CPS and squid seining operations that supply bait to the Ventura and Channel Island Harbors. This MPA cluster meets the preferred size guideline with high LOP.

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Deer Creek SMCA	65994	North Mainland	North: Mean high tide line West: 119 degrees 00.000 minutes South: State waters boundary East: 118 degrees 58.500 minutes (half minute used to leave space to next reef/kelp to east)	SMCA	TBD	Coastal pelagic finfish: Pelagic seine: commercial, Market squid: Pelagic seine: commercial Recreational take is prohibited in this area.	None specified
Deer Creek SMCA (continued)	65994						
Malibu SMR	65978	North Mainland	North: Mean high tide line West: 118 degrees 40.000 minutes South: State waters boundary East: 118 degrees 37.000 minutes	SMR	TBD	All take is prohibited	None specified
Point Vicente SMR	65996	South Mainland	North: 33 degrees 44.500 minutes (tried to line up with Point Vicente) West and South: State waters boundary East: 118 degrees 24.700 minutes (tried to line up with Point Vicente)	SMR	TBD	All take is prohibited	Collection for monitoring wastewater discharge and EPA superfund site should continue in this area with valid permits.

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Deer Creek SMCA	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	This high-protection MPA provides protection to a kelp forest and several rocky structures with associated rocky reef species at different depths, such as rockfish, kelp bass, and lobster near a large expanse of sandy/soft bottom with little or no reef structure. Provides research opportunities by creating an MPA in an area containing kelp and hard bottom where only CPS and squid are taken by seine, in proximity to areas where harvest of all species is allowed .	This high LOP MPA was created to capture kelp habitat and rocky reef structure in a cluster adjacent to soft bottom area habitat. This design purposefully did not include an adjoining reef to provide research opportunities comparing the difference between a reef system with no take except CPS and squid by seine and the heavily used kelp/reef to the east. Persistent kelp measurement of 1.14 mi was not captured in this MPA; however it appears maximum kelp exceeds 1.14 m and meets the maximum kelp guideline. This area, known as Deep Hole, is economically important to recreational and commercial fisheries. Only 1.75 mi of persistent kelp, 4.08 mi of 30m proxy hard bottom, and 1.66 mi of rock shoreline were measured in the 50 mi between this MPA and Santa Barbara Harbor
Deer Creek SMCA (continued)			making the habitats captured in this area rare and very important to fisheries, including lobster, kelp bass, white sea bass and rockfish. The lack of kelp and shallow rocky habitat between Santa Barbara and this MPA explain the heavy use of this area, a prime target for recreational anglers as well as commercial fisheries. Further expanding this MPA to the east would inflict a significant economic impact.
Malibu SMR	G1: (O-3,O-4), G2: (O-2), G3: (O-2,O-3), G4: (O-1), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3)	Provides protection for sandy/soft bottom with near shore rocky structure. Species protected are juvenile rockfish, halibut, and surf species. This area is inside the Santa Monica Bay, where most types of commercial fishing activities are prohibited. This provides for study of nearby areas also without commercial fishing to compare recreational fisheries. Large schools of forage fish and bottle nose dolphin frequent this area.	Area leaves pier open for local fishermen while protecting local habitat. Though not needed for replication or spacing in the network, this area provides unique opportunities for study due to limited commercial activities in Santa Monica Bay.
Point Vicente SMR	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2), G3: (O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3)	Provides protection for rockfish and deep habitat species. Continues protection along the only true south-facing headland in the study region to create a preferred-size cluster with upwelling and take of forage species disallowed. Monitoring along this area has been established for some time to provide a good baseline due to EPA superfund site.	This cluster along the Palos Verdes peninsula provides a unique opportunity; several studies for water & sediment quality have been conducted for several years, providing baseline information. Major economic impacts to smaller harbors in Marine Del Rey & Redondo minimized by not extending SMR north of Point Vicente. In addition, human health risks are avoided by limiting consumption of species identified to contain residual chemicals. Conversely placing any MPA in the area between Redondo & Point Vicente would displace a significant number of fishermen and concentrate fishing in remaining open areas where fish may contain unhealthy levels of residual chemicals.

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Portuguese Bend SMCA	65981	South Mainland	North: Mean high tide line West: 118 degrees 24.700 minutes (tried to line up with Point Vicente) South: State water boundary East: 118 degrees 21.000 minutes	SMCA	TBD	Commercial take is prohibited, except Pacific bonito, Coastal pelagic finfish, and Market squid (all by Pelagic seine) Recreational take is prohibited in this area.	Collection for monitoring wastewater discharge and EPA superfund site should continue in this area with valid permits.
Portuguese Bend SMCA (continued)	65981						
Point Fermin SMP	66002	South Mainland	Current boundaries of 600 feet from shore will remain. Local enforcement remedies DFG enforcement concerns.	SMP	TBD	Prohibits all recreational take except finfish and lobster only. Prohibits all commercial take.	None specified
Bolsa Chica SMP	65995	South Mainland	Waters below mean high tide line within the Bolsa Chica Ecological Reserve.	SMP	TBD	Prohibits all recreation take, except for Shore based fishing by hook and line only. Prohibits all commercial take. Extractive activities are limited to designated areas around outer Bolsa Bay.	Boating, swimming, wading, and diving are prohibited. Entry times and accessible areas are controlled by the managing entity. Limited management activities are consistent with current regulations.
Upper Newport Bay SMCA	65977	South Mainland	Attempted to include the marsh area on the south end of Shellmaker Island and all water inland from that point, excluding the area that goes under Jamboree road. The area intends to protect the south end of Shellmaker Island to North Star Beach at (33 degrees 37.380 minutes)	SMCA	TBD	Prohibits all commercial and recreational take except recreational take of finfish is allowed by hook and line only. Recreational shore based fishing is allowed by hook and line only in designated areas.	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees. These are intended to continue.

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Portuguese Bend SMCA	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-4), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-4)	This MPA cluster protects the only true south-facing headland in the study region. Species afforded protection are lobsters, sea urchins, rockfish, and rocky inter-tidal (tide pool) inhabitants. Species used for bait by shore fishermen (mussels, crabs, clams, and worms) are of great importance in this area.	This MPA near an EPA superfund site; consistently monitored for several years. Studies have found no adverse effects on marine species; however some residual human health risks present from consumption of certain fish species. Collection of samples for monitoring activities should continue in area. Rocky inter-tidal & shallow rock habitats & caves provide shelter for many species. Area may also contain hydrothermal vents & oil seeps. San Pedro traditional [small-vessel] seine fleet uses area for approximately 50% of income therefore this high LOP activity will be allowed. Persistent kelp guideline is not met in this area due to requirement to stay 1/2 mile from major outfall, however MPA should meet maximum kelp guideline.
Portuguese Bend SMCA (continued)			This MPA contains over a third of the available deep rock in the study area, the rarest habitat in this region. In addition coupled with the Point Vicente SMR, this MPA cluster achieves the preferred size in the most densely populated area of the south coast.
Point Fermin SMP	G3: (O-1,O-2)	Retain area for public enjoyment that currently exists. Local enforcement that is currently handled by the Cabrillo aquarium will continue. This is strictly a goal 3 MPA.	None specified.
Bolsa Chica SMP	G2: (O-4), G3: (O-2,O-3), G4: (O-1), G5: (O-1,O-3,O-4,O-5)	This recently restored wetland offers limited recreational fishing opportunities while protecting nursery habitats for several fish species such as halibut, and sand bass. Monitoring programs are in place due to restoration activities that recently concluded.	This area, currently a State Marine Park, is adjacent to Bolsa Chica State Beach, and provides additional fishing opportunities. This area complies with the guidance given by State Parks and therefore retains the SMP designation.
Upper Newport Bay SMCA	G2: (O-4), G3: (O-2), G4: (O-1), G5: (O-1,O-3,O-4,O-5)	This wetland currently under restoration/dredging activities offers limited recreational fishing opportunities while protecting nursery habitats for several fish species such as halibut, and sand bass. Monitoring programs are in place due to restoration activities that are ongoing.	Due to the comments made in State Parks guidance document, this area designation has been changed to an SMCA. Local resources manage and enforce regulations in this MPA area.

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Crystal Cove SMCA	65987	South Mainland	North: Mean high tide line Others: Straight lines connecting the following points 33 degrees 33.240 minutes N/117 degrees 49.200 minutes W 33 degrees 35.000 minutes N/117 degrees 52.000 minutes W 33 degrees 35.260 minutes N/117 degrees 52.000 minutes W	SMCA	TBD	The recreational take of all marine aquatic plants and invertebrates except lobster and crab by hoop net and lobster by diving is prohibited. The commercial take of all marine aquatic plants and invertebrates except lobster, crab and kellet's whelk by trap and sea urchin by diving is prohibited. Take of all other species is allowed.	Trampling of inter-tidal species may be limited by local enforcement agencies.
Laguna SMR	65983	South Mainland	North: Mean high tide line West: 117 degrees 48.200 minutes (easily recognized sand/rock change area) South: State water boundaries and east west line at (33 degrees 27 minutes to remove wedge created by state water boundary) East: 117 degrees 46.300 minutes (easily recognized point)	SMR	TBD	All take is prohibited	Collection for water quality requirements of the Aliso Creek outfall should be allowed to continue with valid legal permits.
Laguna SMR (continued)	65983						

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Crystal Cove SMCA	G3: (O-1,O-2,O-3)	<p>This is strictly a goal 3 MPA emphasizing inter-tidal/tide pool protection with monitoring and enforcement provided by local agencies and government officials.</p> <p>Please see <a href="http://www.ocmarineprotection.org">www.ocmarineprotection.org</a> for information about the goals of Orange County inter-tidal protection areas.</p> <p>Take of species generally not associated with tide pool areas is to be permitted while providing tide pool specie protection.</p>	<p>Modified the existing boundaries of Crystal Cove SMCA &amp; simplified take regulations. Very important as goal 3 MPA as local educational programs &amp; enforcement efforts maintain area. Boundaries have been created following feasibility guidelines of recognizable points &amp; offshore whole minute lat/long corner connected by straight lines. Main goal is to preserve protection of inter-tidal species which local educational, recreational &amp; enforcement activities are based. Offshore distance is not a large concern due to allowed uses recreational &amp; commercial take. State park underwater lease area is not completely covered as it does not follow feasibility guidelines. Activities allowed/performed in the area are not inconsistent with recreational opportunities which are goals of State Parks. Local Docents, signage, education, literature &amp; land based enforcement protect the area of terrestrial access in which species requiring protection exist.</p>
Laguna SMR	G1: (O-1,O-2,O-3,O-4), G2: (O-1,O-2,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	<p>Most habitats required for replication, from shallow to deep, are contained inside this MPA. Two kelp restoration projects fall inside this MPA which will allow for research testing sea urchin control by predator species.</p>	<p>The design of this MPA represents a large compromise among fishing interests in the area and cannot be moved or expanded without major economical impacts to the adjacent harbors and local sport and commercial interests. Lobster fishermen are heavily impacted in this area by closing Pinnacles and Arches. In addition this MPA keeps areas of high recreational impact such as Salt Creek, Seal Rock, and Woods Cove open for local fishermen. However local access for shore based activities like beach fishing and spearfishing will be impacted. Habitat replication notes: Since kelp measurements were changed to persistent kelp, this area shows no kelp habitat; however two restoration projects by OC CoastKeeper and by MBC have restored kelp in the area by relocating sea urchins (not allowed to be taken currently). These beds were restored where historic beds once existed and were destroyed by El Nino, water quality, and urchin grazing. Monitoring of the beds will continue in the future. The linear miles covered by these restoration projects (currently</p>
Laguna SMR (continued)			<p>exceeding the maximum kelp guideline) exceed the replication requirement. In addition, the shallow rock proxy may be underestimated in this area. An independent scientific hydroacoustic survey was conducted to quantify kelp and hard bottom habitat in the near shore area of the proposed Laguna MPA. The results of the analysis showed an estimated 1.33 statute mi of kelp and 2.12 statute mi of hard bottom along the survey transects. These data were submitted for consideration by the MLPA SAT</p>

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Laguna Coast SMCA	65982	South Mainland	North: Mean high tide line Others: Straight lines connecting the following points 33 degrees 30.000 minutes N/117 degrees 44.660 minutes W (shoreline) 33 degrees 30.000 minutes N/117 degrees 45.000 minutes W 33 degrees 31.400 minutes N/117 degrees 46.300 minutes W (edge of SMR please note diagonal line clearly lines up with above water rocks called the pinnacles that are just inside the SMR area) 33 degrees 31.600 minutes N/117 degrees 46.300 minutes W (shoreline) Attempted to move NW corner to whole minute corner & additional fisheries of CPS bait, squid, crab & others were affected too much to do so. Line is easily recognized by pinnacles that stick out of water inside SMR. Local Laguna Beach laws can be found at <a href="http://qcode.us/codes/lagunabeach/">http://qcode.us/codes/lagunabeach/</a> under title 18.	SMCA	TBD	The recreational take of all marine aquatic plants and invertebrates except lobster and crab by hoop net and lobster by diving is prohibited. The commercial take of all marine aquatic plants and invertebrates except lobster, crab and kellet's whelk by trap and sea urchin by diving is prohibited. Take of all other species is allowed.	Local agencies may limit terrestrial access to prevent trampling of inter-tidal species.
Dana Point SMCA	65985	South Mainland	Mean high tide line and straight lines connecting the following points 33 degrees 29.070 minutes N/117 degrees 44.040 minutes W (point) 33 degrees 27.350 minutes N/117 degrees 43.300 minutes W (red buoy) 33 degrees 27.480 minutes N/117 degrees 42.270 minutes W (bend in break wall)	SMCA	TBD	The recreational take of all marine aquatic plants and invertebrates except lobster and crab by hoop net and lobster by diving is prohibited. The commercial take of all marine aquatic plants and invertebrates except lobster, crab and kellet's whelk by trap and sea urchin by diving is prohibited. Take of all other species is allowed.	Local agencies may limit terrestrial access to prevent trampling of inter-tidal species. Lifting/overturning rocks and handling of species in rocky inter-tidal area may be prohibited by local agencies. Permits for other activities may be issued by the Marine Institute in accordance with current regulations.

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Laguna Coast SMCA	G3: (O-1,O-2,O-3)	<p>This is strictly a goal 3 MPA emphasizing inter-tidal/tide pool protection with monitoring and enforcement provided by local agencies and government officials.</p> <p>Please see <a href="http://www.ocmarineprotection.org">www.ocmarineprotection.org</a> for information about the goals of Orange County inter-tidal protection areas.</p> <p>Take of species generally not associated with tide pool areas is to be permitted while providing tide pool specie protection.</p>	<p>Modified the existing boundaries of Laguna Coast SMCA and simplified take regulations. Very important as a goal 3 MPA as local educational programs and enforcement efforts maintain this area. Boundaries have been created following feasibility guidelines of recognizable points and offshore whole minute lat/long corner connected by straight lines. Main goal is to preserve protection of inter-tidal species which local educational, recreational, and enforcement activities are based. Offshore distance is not a large concern due to allowed uses recreational and commercial take. Local Docents, signage, education, literature and land based enforcement protect the area of terrestrial access in which species requiring protection exist.</p>
Dana Point SMCA	G3: (O-1,O-2,O-3)	<p>This is strictly a goal 3 MPA emphasizing inter-tidal/tide pool protection with monitoring and enforcement provided by local agencies and government officials.</p> <p>Please see <a href="http://www.ocmarineprotection.org">www.ocmarineprotection.org</a> for information about the goals of Orange County inter-tidal protection areas.</p> <p>Take of species generally not associated with tide pool areas is to be permitted while providing tide pool specie protection.</p>	<p>Modified existing boundaries of Dana Point SMCA &amp; simplified take regulations. Very important as a goal 3 MPA as local educational programs &amp; enforcement efforts maintain area. Boundaries created following feasibility guidelines of recognizable points connected by straight lines. Main goal is to preserve protection of inter-tidal species which local educational, recreational &amp; enforcement activities are based. Offshore distance is not a large concern due to allowed uses recreational &amp; commercial take. Local Docents, signage, education, literature &amp; land based enforcement protect area of terrestrial access in which species requiring protection exist.</p>

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Doheny Beach SMCA	66003	South Mainland	33° 27.70 N/117° 41.38 W; (easily recognized point/current boundary) 33° 27.48 N/117° 41.39 W; (easily recognized bend in break wall) 33° 27.48 N/117° 40.43 W Line is due east/west.	SMCA	TBD	The recreational take of all marine aquatic plants and invertebrates except lobster and crab by hoop net and lobster by diving is prohibited. The commercial take of all marine aquatic plants and invertebrates except lobster, crab and kellet's whelk by trap and sea urchin by diving is prohibited. Take of all other species is allowed.	None specified
Batiquitos Lagoon SMR	65984	South Mainland	All water to the mean high tide line inside the Batiquitos Preserve. This is bounded by a fence running north/south at 117 degrees 18.725 minutes	SMR	TBD	All take is prohibited	Boating, swimming, and diving are prohibited. Lagoon management activities in accordance with current laws may continue.
San Elijo Lagoon SMR	65976	South Mainland	All water to the mean high tide line inside the San Elijo Ecological Reserve.	SMR	TBD	All take is prohibited	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.
Del Mar SMR	65970	South Mainland	North: 32 degrees 58.600 minutes (San Deguito Lagoon mouth) West: State waters boundary South: 32 degrees 56.000 minutes (Penesquitos creek) East: Mean high tide line	SMR	TBD	All take is prohibited	Beach replenishment/nourishment activities such as dredging and sand placement are very critical in this area and should be allowed to continue with appropriate permitting.
San Dieguito Lagoon SMR	65986	South Mainland	All water to the mean high tide line inside the San Dieguito Ecological Reserve.	SMR	TBD	All take is prohibited	Boating, swimming, wading, and diving are prohibited. Other management activities currently allowed will continue.

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Doheny Beach SMCA	G3: (O-1,O-2,O-3)	This is strictly a goal 3 MPA emphasizing inter-tidal/tide pool protection with monitoring and enforcement provided by local agencies and government officials.  Please see <a href="http://www.ocmarineprotection.org">www.ocmarineprotection.org</a> for information about the goals of Orange County inter-tidal protection areas.  Take of species generally not associated with tide pool areas is to be permitted while providing tide pool specie protection	None specified
Batiquitos Lagoon SMR	G1: (O-1,O-4), G2: (O-1,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-3,O-4)	Provides protection for estuarine environment and bird foraging areas. Most abundant area of eelgrass in the region, providing nursery areas for halibut, bass and other species.	Corrected a mapping error which only covered half of the estuary to include all water east(inland) of the fence border along Coast Highway. Fishing is to be allowed on the hardened shores outside the preserve boundary to the ocean. This was originally an SMP but State Parks recommended to the lagoon foundation that this area be made into an SMR and the foundation has decided to follow State Parks recommendation. FIN feels it does not have the right to propose a designation other than that desired by the managing entities.
San Elijo Lagoon SMR	G1: (O-4), G2: (O-1,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5)	Provides protection for estuarine environment and bird foraging areas. Provides protection for larvae of fish species. The current water depth does not allow many larger species access to this estuary, however bird species flourish in this area.	This was originally an SMP but State Parks recommended to the lagoon foundation that this be made into an SMR and the foundation has decided to follow State Parks recommendation. FIN feels it does not have the right to propose a designation other than that desired by the managing entities.
Del Mar SMR	G1: (O-1,O-2,O-3,O-4), G2: (O-1,O-2,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Area abuts two important estuaries and ties together many habitats from shallow to deep. Compared to other regions in San Diego area, this is the only area that incorporates the true oceanic 100 fathom curve with rock structure and pinnacles, open to water flow from the open ocean. It is an underwater headland, allowing large pelagic species, including swordfish striped marlin, thresher sharks, white sharks, mako sharks, easy access to inshore feeding and spawning grounds. This is also true for benthic fauna. The area provides Rockfish (Sebastes) spawning grounds, adult resting and feeding areas as well as larval settling area and juvenile feeding grounds.	MPA is out of normal vessel traffic lanes between Oceanside & Mission Bay. An MPA in this area will reduce the impact of poaching, pollution & inadvertent habitat destruction by transiting commercial & recreational vessels. Area is well marked by estuary mouths. Area provides link between two important lagoons, one of which is presently being developed as a mitigation project. Area is substantially sheltered from the effects of winter storms by the presence offshore of Catalina & San Clemente islands. SMR is adjacent to existing Torrey Pines State Park. Entire SMR is visible from a single point on land for enforcement. Rocky inter-tidal, shallow rocky reef & kelp habitats are not captured in this MPA. Due to extreme economic impact on port of Oceanside these habitats could not be captured here by moving the N. boundary. Instead another MPA fifteen miles away in Point Loma was created specifically to capture the rocky reef and kelp habitat in area.
San Dieguito Lagoon SMR	G1: (O-4), G2: (O-1,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5)	Recently restored/mitigated wetland protection. Monitoring plans and local enforcement are provided by the mitigation by Southern California Edison.	This was originally an SMP but the managing board decided to disallow fishing in this area as part of the MLPA and has asked this recently mitigated lagoon be given the designation of SMR

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
La Jolla SMR	65997	South Mainland	Mean high tide line and straight lines connecting the following points in order: 32 degrees 51.86' N/117 degrees 15.28' W 32 degrees 51.86' N/117 degrees 16.25' W 32 degrees 51.22' N/117 degrees 16.17' W 32 degrees 51.07' N/117 degrees 16.40' W	SMR	TBD	All take is prohibited	Boats may be launched and retrieved only in designated areas and may be anchored within the MPA only during daylight hours.
Ocean Beach SMCA	65998	South Mainland	North: 32 degrees 46.000 minutes N West: State waters boundary South: 32 degrees 43.200 minutes N (easily recognized Laders Street) East: 117 degrees 17.000 degrees W (over a mile offshore)	SMCA	TBD	Commercial take is prohibited except for Pelagic finfish by hook and line only. Recreational take is prohibited except for Pelagic finfish by spearfishing and hook and line only.  Fishing methods in this MPA are intended to limit depth in the water column therefore referred to as "surface gear" in the SAT LOP designation of Moderate High for hook and line fishers.  Intended LOP: Moderate-high	DoD may perform training exercises for national defense in this area such as acoustic monitoring, those activities should be allowed to continue.
Ocean Beach SMCA (continued)	65998						

**California MLPA South Coast Study Region**  
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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
La Jolla SMR	G3: (O-1,O-2,O-3)	<p>This MPA is an historic well used underwater ecological preserve. It provides protection for local resident species with limited ranges. It provides recreational and study opportunities for non consumptive users. Its proximity to UCSD and SIO provides great research and educational access.</p> <p>Research and recreation are the main goals of this MPA, it is strictly a goal 3 type of MPA. See Design considerations for feasibility issues.</p>	<p>Buoys mark the current boundaries of the underwater reserve. Several sculptures, signs, plaques, and local published literature contain the boundaries of this reserve. Concern has been raised by enforcement about the buoys marking the boundary. Conversations with lifeguard personnel revealed that buoy maintenance was delegated to the city parks agency for a short while recently, which failed to maintain the buoy system. Since that time the lifeguard department has resumed that responsibility and signed a contract for \$60,000 per year with a vendor to maintain the buoys. Additionally the style of buoys was changed to a system that withstands displacement. Two sets of buoys are maintained and they are rotated/repared on a regular schedule to provide reliable boundary markers. Please see external document for picture of some new artwork depicting the reserve.</p>
Ocean Beach SMCA	G1: (O-1,O-2,O-3,O-4), G2: (O-1,O-2,O-3,O-4), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	<p>Provides protection for benthic species such as rockfish while allowing take of pelagic fish with surface [flyline/trolling] gear. Shallow water rockfish such as sheepshead, lingcod, and vermillion rockfish species will be provided protection in this MPA, which begins at a depth exceeding 30 meters.</p>	<p>This SMCA along with Sunset Cliff SMR create a cluster with moderate high protection outside 30 meters and very high protection in the 0-30 meter depth range. This protects bottom dwelling species such as rockfish, crab, and kellet's whelk while allowing take of pelagic species in this heavily traveled area. This MPA cluster along with the Del Mar SMR contain almost all of the habitats recommended for protection under the MLPA, and accompanying SAT guidance. MPA does have two hanging corners; however placement of this MPA on whole-minute lines allows some fishing opportunity in area, at least partially offsetting potentially severe economic impacts to San Diego's fishing economy. .</p>
Ocean Beach SMCA (continued)			<p>Several pelagic species such as yellowtail, bonito, baracuda and shark pass through area in large numbers. Fly lining bait boiling schools of fish with surface gear or trolling are most common methods of fishing for these species. Area is located directly in front of the harbor, thus a designation of SMCA is most appropriate to minimize enforcement problems.</p>

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Sunset Cliffs SMR	65972	South Mainland	North: 32 degrees 44.800 minutes N (Where sand ends south of pier) West: 117 degrees 17.000 minutes W South: 32 degrees 43.200 minutes N (Ladera Street Park boundary) East: Mean high tide line	SMR	TBD	All take is prohibited	DoD may perform training exercises for national defense in this area such as acoustic monitoring, those activities should be allowed to continue.
Cabrillo SMR	65999	South Mainland	Replace existing MPA (Mia J. Tegner SMCA) attempting to make more feasible boundaries. North: 32 degrees 40.600 minutes (easily recognized point) West: 117 degrees 15.000 minutes W South: 32 degrees 39.700 minutes N East: 117 degrees 14.300 minutes W (and mean high tide line)	SMR	TBD	All take is prohibited	Terrestrial access times and places are posted by signage and enforced by local national park rangers.
Oneonta Slough SMR	65991	South Mainland	Area below mean high tide within Tijuana River Ecological Reserve.	SMR	TBD	All take is prohibited	None specified
Bird Rock SMCA	66001	East Channel Islands	Area bounded by the state water boundary and the following lines: 118 degrees 29.300' W 33 degrees 27.000' N 118 degrees 27.000' W	SMCA	TBD	Commercial take is prohibited except Pelagic finfish (hook and line) and Swordfish (Harpoon). Recreational take is prohibited except, Pelagic finfish (spearfishing, and hook and line)	None specified
Blue Cavern SMR	65975	East Channel Islands	Area bounded by the mean high tide and the following lines: 118 degrees 29.300' W 33 degrees 27.000' N 118 degrees 27.000' W	SMR	TBD	All take is prohibited	None specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Sunset Cliffs SMR	G1: (O-1,O-2,O-3,O-4), G2: (O-2), G3: (O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-2,O-3,O-4)	Protect rocky inter-tidal, shallow rocky reef, and kelp forest habitats and species associated with those habitats such as lobster, shallow water rockfish, and kelp bass.	This SMR, part of an MPA cluster, was created to contain rocky habitats not found in Del Mar SMR within a close proximity. Although this MPA is slightly over recommended distance from Laguna SMR, it is only by a few miles. This SMR, when coupled with a moderate high protection SMCA in deeper waters, meets the size guideline. The north & south boundaries are placed at easily recognized landmarks. Increasing size of this SMR would interfere with public pier fishing to the north and heavily utilized public ocean access for kayaks & shore anglers to the south. In addition DoD activities could be impacted by moving southern boundary. Western boundary was established at a whole minute line to provide surface [flyline/trolling] fishing opportunities targeting pelagic species in the adjacent SMCA for boat-based anglers traveling between Mission Bay & San Diego ports.
Cabrillo SMR	G1: (O-4), G3: (O-1,O-2,O-3), G5: (O-1,O-2,O-4), G6: (O-1)	Cabrillo National Monument has administrative jurisdiction in this area and is committed to managing the area in a manner consistent with the goals and values of a national park. No take is allowed in national parks. There are long term monitoring studies as well as valuable coastal access for non-consumptive users at the park.	Cabrillo has a 20 year long term monitoring study. -part of the area is maintained as a human exclusion zone -The National Park Service will aid in enforcement -A State Marine Reserve is consistent with the federal laws governing National Park Management -It is recognized that the areas offshore are valuable fishing grounds for urchins and lobsters as well as vessels traveling from San Diego Bay. This design protects the resources under the jurisdiction of Cabrillo while still allowing the majority of the water in the area to be open for fishing. -Over 100 000 people visit the area which provides access to the ocean for thousands of school children and other groups.
Oneonta Slough SMR	G1: (O-4,O-5), G2: (O-1,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-3,O-4)	Provide habitat protection for an estuarine environment. Recent monitoring and restoration activities are making efforts to provide better water and sediment quality.	Recent restoration activities funded by national and local organizations continue to increase the healthy state of this wetland area. Significant monitoring and research activities are constantly being done by the agencies managing this wetland.
Bird Rock SMCA	G1: (O-1,O-2,O-3), G2: (O-1,O-2,O-3,O-4), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Provide protection for deep water species like rockfish while providing for recreational and commercial take of pelagic species.	Create an area offshore of the science center that allows for pelagic finfish to be caught in deep water.
Blue Cavern SMR	G1: (O-1,O-2,O-3,O-4), G2: (O-1,O-2,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-3,O-4)	Provide protection for nearshore species like sheepshead, kelp bass, and lobster. Provide study opportunities for Catalina Marine Science Center.	Created this area close to shore where good habitat exists and replaced the Marine Science Center SMR. Did not go to deep water to allow for fishing opportunities valuable to the economy of Catalina.

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Cat Harbor SMCA	65974	East Channel Islands	Area below the mean high tide and a straight line connecting the following points: 33 degrees 25.315' N/118 degrees 30.760' W 33 degrees 25.300' N/118 degrees 25.950' W	SMCA	TBD	The commercial take of squid is prohibited. Take of all other species is allowed.	None specified
Farnsworth Bank_SMCA	65993	East Channel Islands	Area bounded by the following lines: 33 degrees 21.000' N 118 degrees 30.500' W 33 degrees 20.000' N 118 degrees 32.000' W	SMCA	TBD	Recreational and commercial take of purple hydrocoral ( <i>Stylaster Californicus</i> ) is prohibited. Take of all other species is allowed.	None specified
Casino Point_SMR	65992	East Channel Islands	Area created by the mean high tide and straight lines connecting the following points in order: 33 degrees 20.960' N/118 degrees 19.560' W 33 degrees 21.000' N/118 degrees 19.520' W 33 degrees 20.920' N/118 degrees 19.380' W 33 degrees 20.900' N/118 degrees 19.430' W	SMR	TBD	All take is prohibited	None specified
Lover's Cove_SMCA	66000	East Channel Islands	Area below the mean high tide and the following lines: 33 degrees 20.700 minutes N 118 degrees 18.900 minutes W	SMCA	TBD	Prohibits all commercial take. Recreational take of all species is allowed from the pier only.	None specified
Begg Rock SMR	65988	West Channel Islands	All state waters below mean high tide around Begg Rock.	SMR	TBD	All take is prohibited	None specified
Pending Military Closures SCI 1	65989	East Channel Islands	See MarineMap	Undesignated	TBD	None Specified	None
Pending Military Closures SCI 2	65990	East Channel Islands	See MarineMap	Undesignated	TBD	None Specified	None
Richardson Rock SMR	65957	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None
Judith Rock SMR	65968	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None
Harris Point SMR	65958	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None
South Point SMR	65967	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None
Carrington Point SMR	65959	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Cat Harbor SMCA	G3: (O-1,O-2), G6: (O-1,O-4)	To protect this area from purse seine and squid fishing activities to provide squid spawning area free from commercial take.	Create a protected area at Catalina harbor for squid spawning
Farnsworth Bank_SMCA	G2: (O-4), G3: (O-2), G4: (O-1), G5: (O-1)	Provide protection to purple hydrocoral that is found on the Farnsworth Bank from take by divers.	Major underwater pinnacle know for purple hydrocoral (Stylaster Californicus).
Casino Point_SMR	G3: (O-1,O-3)	Include locally enforced protected area. Designed to meet Goal 3 of MLPA. Protect habitat and fish for non consumptive diver enjoyment. Currently divers are at risk of injury due to fishing activities allowed to occur in the area.	MPA drawn on existing buoys that currently demarcate an informal dive park that is maintained by the local dive community. Buoy displacement is minimal due to sheltered location near Avalon harbor.
Lover's Cove_SMCA	G3: (O-1,O-3)	To provide a recreational opportunity for those who fish from the pier where cross channel boats dock while still providing protection for species viewed from glass bottom boat tours from Avalon.  This is strictly a goal 3 MPA.	Wanted to make straight lines to meet feasibility concerns over odd shape that previously existed. In addition wanted to allow pier based fishing as several visitors use the pier for the purpose while not allowing it in other areas of the MPA.
Begg Rock SMR	G1: (O-1,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	Unique, highly-exposed offshore rock/pinnacle ecosystem with ridges; Deep water hard and soft bottom habitats; rare lumpy form of purple hydrocoral. Enhance rockfish and scallops.	Minimal social-economic impact while protecting unique habitat.
Pending Military Closures SCI 1	None Specified	This is an APPROXIMATE polygon representing the Federal closure on San Clemente Island called SWAT-1	None
Pending Military Closures SCI 2	None Specified	This is an APPROXIMATE polygon representing the Federal Closure located on the east side of San Clemente Island called SWAT-2	None
Richardson Rock SMR	None	None	None
Judith Rock SMR	None	None	None
Harris Point SMR	None	None	None
South Point SMR	None	None	None
Carrington Point SMR	None	None	None

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Skunk Point SMR	65969	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None
Painted Cave SMCA	65964	Mid Channel Islands	See MarineMap	SMCA	TBD	Commercial take is prohibited except Lobster (trap). Recreational take is prohibited except Lobster (hoop net and diving), and Pelagic finfish (spearfishing).	None
Gull Island SMR	65965	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None
Scorpion SMR	65966	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None
Footprint SMR	65960	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None
Anacapa Island SMCA	65962	Mid Channel Islands	See MarineMap	SMCA	TBD	Commercial take is prohibited except Lobster (trap). Recreational take is prohibited except Lobster (hoop net and diving), and Pelagic finfish (spearfishing).	None
Anacapa Island SMR	65961	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None
Santa Barbara Island SMR	65963	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None

*SMCA = state marine conservation area    SMP = state marine park    SMR = state marine reserve*  
*TBD = To be determined*

**Bioregions:**

1. North Mainland (Point Conception to Marina Del Rey)
2. South Mainland (Marina del Rey to the U.S.-Mexico border)
3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands)
4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands)
5. East Channel Islands (Santa Catalina and San Clemente islands)

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<b>MPA Name</b>	<b>Regional Goals/ Objectives</b>	<b>Site Specific Rationale</b>	<b>Other Considerations</b>
Skunk Point SMR	None	None	None
Painted Cave SMCA	None	None	None
Gull Island SMR	None	None	None
Scorpion SMR	None	None	None
Footprint SMR	None	None	None
Anacapa Island SMCA	None	None	None
Anacapa Island SMR	None	None	None
Santa Barbara Island SMR	None	None	None

**California MLPA South Coast Study Region**  
**Consideration of Existing State MPAs in External A Revised MPA Proposal**  
*Document Revision Date June 10, 2009*

<b>Existing MPA Name</b>	<b>Retain</b> (no changes to boundaries or regulations)	<b>Modify</b> (included with boundary or regulation change)	<b>Remove</b> (not included)
Refugio SMCA			Remove
Goleta Slough SMP		Modify regulations. Replace with Goleta Slough SMR.	
Big Sycamore Canyon SMR		Modify boundaries and regulations. Replace with Big Sycamore Canyon SMR.	
Abalone Cove SMP		Modify boundaries and boundaries. Replace with Portuguese Bend SMCA.	
Point Fermin SMP	Retain as is		
Bolsa Chica SMP	Retain as is		
Upper Newport Bay SMP		Modify boundaries and regulations. Replace with Upper Newport Bay SMCA.	
Robert E Badham SMCA			Remove
Crystal Cove SMCA		Modify boundaries and regulations. Replace with Crystal Cove SMCA.	
Irvine Coast SMCA			Remove
Heisler Park SMR		Modify boundaries and regulations. Replace with Laguna SMR.	
Laguna Beach SMCA		Modify boundaries and regulations. Replace with Laguna Coast SMCA and Laguna SMR.	
South Laguna Beach SMCA			Remove
Niguel SMCA			Remove
Dana Point SMCA		Modify boundaries and regulations. Replace with Dana Point SMCA.	
Doheny SMCA			Remove
Doheny Beach SMCA		Modify boundaries and regulations. Replace with Doheny Beach SMCA.	
Buena Vista Lagoon SMP			Remove (per Department of Fish and Game guidance)
Agua Hedionda Lagoon SMR			Remove
Batiquitos Lagoon SMP		Modify boundaries and boundaries. Replace with Batiquitos Lagoon SMR.	
Encinitas SMCA			Remove
Cardiff-San Elijo SMCA			Remove
San Elijo Lagoon SMP		Modify regulations. Replace with San Elijo Lagoon SMR	
San Dieguito Lagoon SMP		Modify regulations. Replace with San Dieguito Lagoon SMR.	
San Diego-Scripps SMCA			Remove
La Jolla SMCA		Modify regulations. Replace with La Jolla SMR.	
Mia J Tegner SMCA		Modify boundaries and regulations. Replace with Cabrillo SMR.	

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**Consideration of Existing State MPAs in External A Revised MPA Proposal**  
*Document Revision Date June 10, 2009*

<b>Existing MPA Name</b>	<b>Retain</b> (no changes to boundaries or regulations)	<b>Modify</b> (included with boundary or regulation change)	<b>Remove</b> (not included)
Catalina Marine Science Center SMR		Modify boundaries. Replace with Blue Cavern SMR	
Farnsworth Bank SMCA	Retain as is		
Lover's Cove SMCA		Modify boundaries. Replace with Lover's Cove SMCA	
Richardson Rock SMR	Retain (per Fish and Game Commission Guidance)		
Judith Rock SMR	Retain (per Fish and Game Commission Guidance)		
Harris Point SMR	Retain (per Fish and Game Commission Guidance)		
South Point SMR	Retain (per Fish and Game Commission Guidance)		
Carrington Point SMR	Retain (per Fish and Game Commission Guidance)		
Skunk Point SMR	Retain (per Fish and Game Commission Guidance)		
Painted Cave SMCA	Retain (per Fish and Game Commission Guidance)		
Gull Island SMR	Retain (per Fish and Game Commission Guidance)		
Scorpion SMR	Retain (per Fish and Game Commission Guidance)		
Footprint SMR	Retain (per Fish and Game Commission Guidance)		
Anacapa Island SMCA	Retain (per Fish and Game Commission Guidance)		
Anacapa Island SMR	Retain (per Fish and Game Commission Guidance)		
Santa Barbara Island SMR	Retain (per Fish and Game Commission Guidance)		
Arrow Point to Lion Head Point Special Closure			Remove

SMCA = state marine conservation area    SMP = state marine park    SMR = state marine reserve