

**California Marine Life Protection Act Initiative South Coast Project**  
**Staff Summary of Area and Habitats in Round 3 Revised SCRSG Proposal 3**  
*Document updated November 25, 2009*

**Table 1. Summary of MPAs by Designation for Revised SCRSG Proposal 3**

Type of MPA <sup>a</sup>	# of MPAs	Area (mi <sup>2</sup> )	% of Study Region
State Marine Reserve (SMR)	30	291.10	12.4%
State Marine Recreational Managed Area (SMRMA)	1	1.85	0.1%
State Marine Park (SMP)	0	0.00	0.0%
State Marine Conservation Area (SMCA)	9	57.85	2.5%
Undesignated	3	61.87	2.6%
<b>All MPAs combined</b>	<b>43</b>	<b>412.67</b>	<b>17.6%</b>

<sup>a</sup> 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.

**Table 2. Summary of MPAs by Level of Protection for Revised SCRSG Proposal 3**

Level of Protection (LOP)	# Proposed	Area (mi <sup>2</sup> )	% of Study Region
Very High <sup>b</sup>	31	292.94	12.5%
High	3	38.59	1.6%
Moderate-High	1	4.04	0.2%
Moderate	0	0.00	0.0%
Low <sup>c</sup>	5	15.22	0.6%
Not applicable <sup>d</sup>	3	61.87	2.6%
<b>Total</b>	<b>43</b>	<b>412.67</b>	<b>17.6%</b>

<sup>b</sup> The “Very High” category Includes MPAs with SMR designation, as well as MPAs with a SMRMA designation.

<sup>c</sup> The “Low” category groups together MPAs that are assigned a moderate-low and lower level of protection.

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

**Table 3. Individual MPAs in Revised SCRSG Proposal 3**

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

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MPA Name	Size (mi <sup>2</sup> )	Along-shore Span <sup>e</sup> (mi)	Depth Range <sup>f</sup> (ft)
Santa Barbara Island SMR <sup>g</sup>	12.76	1.0	0 - 1655
Point Conception SMR	29.41	7.5	0 - 489
Naples SMR	2.57	1.9	0 - 162
UCSB SMR	10.42	2.9	0 - 748
Goleta Slough SMR	0.25	N/A	Depth data not available
Mishopsno SMCA	14.86	3.7	0 - 140
Mugu Lagoon SMRMA	1.85	N/A	Depth data not available
Lachusa SMCA	14.06	3.7	0 - 2018
Point Dume SMR	11.28	2.7	0 - 2023
Palos Verdes SMR	16.33	5.9	0 - 2239
Bolsa Chica SMR	0.72	N/A	Depth data not available
Upper Newport Bay SMR	1.10	N/A	Depth data not available
Newport Coast SMCA	2.37	4.1	0 - 136
Laguna Beach SMR	15.16	4.1	0 - 1635
Dana Point SMCA	2.35	2.8	0 - 125
Batiquitos Lagoon SMR	0.67	N/A	Depth data not available
Swami's SMCA	9.67	2.7	0 - 979
San Elijo Lagoon SMR	0.44	N/A	Depth data not available
San Dieguito Lagoon SMR	0.52	N/A	Depth data not available
San Diego-Scripps Coastal SMCA	1.41	1.1	0 - 366
Mallahuayl SMR	1.10	1.2	0 - 331
South La Jolla Reefs SMR	9.99	2.7	0 - 290
Cabrillo SMR	0.43	1.8	0 - 30
Tijuana River Mouth SMCA	4.04	3.4	0 - 55
North Catalina SMR	14.05	3.9	0 - 2035
Blue Cavern SMR	1.85	2.3	0 - 854
Long Point SMR	1.67	2.0	0 - 749
Farnsworth SMR	14.45	7.5	0 - 2496
San Nicolas Alpha Area Military Closure	25.20	6.3	0 - 288
San Clemente Pending Military Closure 1	17.44	3.9	0 - 1682
San Clemente Pending Military Closure 2	19.24	5.4	0 - 3938

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

<sup>f</sup> 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.

<sup>g</sup> 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.

**Table 4. Habitat Representation in Revised SCRSG Proposal 3**

Habitat <sup>h</sup>	SMR		SMRMA		SMP		SMCA		Undesignated		Total MPAs	
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
Intertidal												
Sandy or gravel beach*	40.47	11%	1.00	<1%	0.00	0%	20.40	5%	7.43	2%	69.30	18%
Rocky shores*	58.33	21%	0.00	0%	0.00	0%	12.80	5%	5.39	2%	76.53	27%
Hardened shores*	1.30	<1%	0.05	<1%	0.00	0%	0.95	<1%	0.11	<1%	2.42	1%
Coastal marsh*	17.46	29%	9.36	16%	0.00	0%	0.01	<1%	0.00	0%	26.83	45%
Coastal marsh	1.93	32%	1.09	18%	0.00	0%	0.00	0%	0.00	0%	3.02	50%
Tidal flats*	4.13	14%	0.90	3%	0.00	0%	0.03	<1%	0.00	0%	5.05	18%
Seagrass beds												
Surfgrass*	41.25	19%	0.00	0%	0.00	0%	13.64	6%	5.47	2%	60.36	27%
Eelgrass	0.21	5%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.21	5%
Estuarine												
Estuary	3.70	9%	1.85	4%	0.00	0%	0.00	0%	0.00	0%	5.55	13%
Soft bottom												
0-30 meters	29.02	7%	0.00	0%	0.00	0%	18.16	4%	0.29	<1%	47.46	11%
0-30 meters proxy*, <sup>i</sup>	47.31	13%	0.00	0%	0.00	0%	20.26	6%	4.07	1%	71.63	20%
30-100 meters	98.92	15%	0.00	0%	0.00	0%	19.27	3%	14.56	2%	132.76	20%
100-200 meters	28.21	18%	0.00	0%	0.00	0%	4.23	3%	0.00	0%	32.44	20%
>200 meters	29.28	12%	0.00	0%	0.00	0%	5.94	3%	0.00	0%	35.22	15%
Hard bottom												
0-30 meters	14.74	13%	0.00	0%	0.00	0%	3.66	3%	6.18	6%	24.58	22%
0-30 meters proxy*, <sup>i</sup>	31.08	16%	0.00	0%	0.00	0%	9.07	5%	8.85	5%	49.00	26%
30-100 meters	6.84	14%	0.00	0%	0.00	0%	0.15	<1%	7.79	16%	14.78	31%
100-200 meters	0.68	18%	0.00	0%	0.00	0%	0.02	<1%	0.00	0%	0.70	18%
>200 meters	0.87	40%	0.00	0%	0.00	0%	0.01	<1%	0.00	0%	0.87	40%
Unknown												
0-30 meters	4.10	3%	0.00	0%	0.00	0%	4.55	3%	0.46	<1%	9.11	6%
30-100 meters	28.39	13%	0.00	0%	0.00	0%	1.30	1%	5.89	3%	35.57	17%
100-200 meters	21.21	19%	0.00	0%	0.00	0%	0.52	<1%	6.42	6%	28.15	25%
>200 meters	24.87	12%	0.00	0%	0.00	0%	0.00	0%	20.05	10%	44.93	22%
Kelp forest												
Maximum kelp*	54.72	16%	0.00	0%	0.00	0%	9.61	3%	14.04	4%	78.37	23%
Kelp persistence*	27.38	15%	0.00	0%	0.00	0%	3.65	2%	10.79	6%	41.83	23%

<sup>h</sup> Habitats are 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>i</sup> 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.