

**California Marine Life Protection Act Initiative, North Central Coast Project
Staff Summary of Area and Habitats in Draft External Proposal A
Revised November 15, 2007**

Overall Summary for External Proposal A (10/19/07 version)

Type of MPA ¹	# Proposed	Area (mi ²)	% of study region
State Marine Reserve (SMR)	7	17.91	2.35%
State Marine Park (SMP)	1	0.63	0.08%
State Marine Conservation Area (SMCA)	8	107.17	14.05%
All MPAs combined	16	125.71	16.48%

¹ Note: These are proposed MPA designations, NOT levels of protection assigned by the SAT.

Individual MPAs in External Proposal A (10/19/07 version)

MPA Name ^A	Size (mi ²)	Along-shore span (mi) ^B	Depth range (ft)
Arena Rock SMR	4.62	4.0	0-166
Arena Rock SMCA	11.01	4.0	106-324
Richardson's Ranch SMR	2.19	2.0	0-203
Richardson's Ranch SMCA	20.17	5.4	0-300
Gerstle Cove SMCA	0.01	0.2	0-36
Bodega Head SMR	0.57	2.1	0-47
Bodega Head SMCA	17.12	4.3	0-266
Tomales Bay SMP	0.63	1.7	0-10
Point Reyes SMR	2.70	11.9	0-51
Point Reyes SMCA	25.38	5.1	0-208
Duxbury Reef SMR	3.73	5.5	0-56
Duxbury Reef SMCA	18.72	5.5	20-136
Pillar Point SMR	2.77	3.1	0-88
Pillar Point SMCA	8.45	3.1	63-172
Farallon Islands SMR	1.33	NA	0-145
Farallon Islands SMCA	11.03	NA	51-382

^A Symbols following proposed MPA name indicate level of protection as determined by the MLPA Master Plan Science Advisory Team. (***) indicates SMCA High, (**) indicates SMCA Moderate, (*) indicates SMCA Low, and (^) indicates SMP Low. Level of protection was used in the SAT evaluation.

^B Alongshore span measured as direct line from one end of the MPA to the other.

Habitat Representation in External Proposal A (10/19/07 version)

Habitat	Percentage of mapped habitat in proposed MPA designations in the study region ¹			
	SMR	SMP	SMCA	Total MPAs
Intertidal				
Sandy or gravel beaches	6.95%	0.27%	2.00%	9.22%
Rocky intertidal and cliff	17.41%	0.00%	3.77%	21.18%
Coastal marsh	12.90%	10.14%	0.00%	23.04%
Tidal flats	18.90%	0.80%	0.77%	20.46%
Seagrass beds (0-30m): Surfgrass	22.94%	0.00%	1.11%	24.05%
Seagrass beds (0-30m): Eelgrass	15.31%	0.00%	0.00%	15.31%
Estuary	4.12%	3.15%	0.00%	7.27%
Soft bottom				
0-30 meters	1.47%	0.42%	3.45%	5.34%
30-100 meters	0.54%	0.00%	17.35%	17.89%
100-200 meters	0.00%	0.00%	53.26%	53.26%
>200 meters	N/A	N/A	N/A	N/A
Hard bottom				
0-30 meters	10.50%	0.00%	25.13%	35.63%
30-100 meters	3.82%	0.00%	16.85%	20.67%
100-200m	N/A	N/A	N/A	N/A
>200 meters	N/A	N/A	N/A	N/A
Kelp forest				
Kelp 1989	8.50%	0.00%	7.06%	15.55%
Kelp 1999	9.10%	0.00%	4.39%	13.48%
Kelp 2002	11.09%	0.00%	14.50%	25.59%
Kelp 2003	3.81%	0.00%	5.49%	9.30%
Kelp 2004	7.66%	0.00%	7.85%	15.51%
Kelp 2005	11.94%	0.00%	3.31%	15.25%
Average kelp	8.84%	0.00%	7.65%	16.49%

Note: These are proposed MPA designations, NOT levels of protection assigned by the MLPA SAT