

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

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

Type of MPA ¹	# Proposed	Area (mi ²)	% of Study Region
State Marine Reserve (SMR)	7	35.09	4.60%
State Marine Park (SMP)	1	2.83	0.37%
State Marine Conservation Area (SMCA)	7	106.85	14.00%
All MPAs combined	15	144.78	18.97%

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

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

MPA Name ^A	Size (mi ²)	Along-shore span (mi) ^B	Depth range (ft)
Point Arena SMR	10.67	5.7	0-226
Point Arena SMCA	11.21	5.7	153-324
Sea Ranch SMR	3.62	4.3	0-164
Sea Ranch SMCA	12.98	4.3	142-294
Salt Point SMP	2.83	4.9	0-153
Russian River SMR	0.68	2.6	0-43
Bodega Head SMR	7.70	7.4	0-145
Bodega Head SMCA	21.13	7.4	61-267
Point Reyes SMR	3.18	4.2	0-118
Point Reyes SMCA	28.19	7.6	0-244
Drakes Estero SMCA	4.02	7.2	0-10
Fitzgerald SMR	6.21	4.3	0-131
Fitzgerald SMCA	19.40	6.8	0-172
South East Farallon Island SMR	3.03	NA	0-238
South East Farallon Island SMCA	9.92	NA	161-382

^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 B (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	8.73%	0.72%	4.90%	14.35%
Rocky intertidal and cliff	17.82%	4.78%	5.37%	27.97%
Coastal marsh	4.41%	0.00%	37.05%	41.47%
Tidal flats	0.00%	0.00%	26.27%	26.27%
Seagrass beds (0-30m): Surfgrass	22.26%	0.00%	4.13%	26.39%
Seagrass beds (0-30m): Eelgrass	0.00%	0.00%	60.76%	60.76%
Estuary	1.75%	0.00%	19.77%	21.52%
Soft bottom				
0-30 meters	3.42%	0.04%	6.47%	9.92%
30-100 meters	2.55%	0.12%	19.23%	21.90%
100-200 meters	0.00%	0.00%	68.97%	68.97%
>200 meters	N/A	N/A	N/A	N/A
Hard bottom				
0-30 meters	18.84%	3.08%	1.60%	23.52%
30-100 meters	8.63%	1.29%	15.20%	25.12%
100-200m	N/A	N/A	N/A	N/A
>200 meters	N/A	N/A	N/A	N/A
Kelp forest				
Kelp 1989	14.74%	9.98%	0.00%	24.72%
Kelp 1999	16.13%	5.94%	0.00%	22.07%
Kelp 2002	8.80%	23.03%	0.04%	31.87%
Kelp 2003	10.90%	7.95%	0.00%	18.86%
Kelp 2004	9.01%	12.48%	0.14%	21.63%
Kelp 2005	18.54%	3.51%	0.00%	22.05%
Average kelp	13.24%	11.34%	0.03%	24.60%

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