

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

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

Type of MPA ¹	# Proposed	Area (mi ²)	% of study region
State Marine Reserve (SMR)	11	219.10	28.72%
State Marine Park (SMP)	0	0.00	0.00%
State Marine Conservation Area (SMCA)	8	79.76	10.45%
All MPAs combined	19	298.87	39.17%

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

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

MPA Name ^A	Size (mi ²)	Along-shore span (mi) ^B	Depth range (ft)
Point Arena SMR	6.92	3.8	0-194
Point Arena SMCA	8.42	3.8	153-324
Mendocino Coast SMCA I	13.57	5.5	0-233
Mendocino Coast SMCA II	8.52	5.5	191-303
Sonoma Coast SMR	36.01	9.7	0-300
Russian River SMR	2.77	2.8	0-84
Bodega Head SMR	15.97	5.9	0-262
Bodega Head SMCA	6.87	5.9	192-267
Tomales Bluff SMR	11.29	5.0	0-175
Tomales Bluff SMCA	7.92	5.0	159-227
Point Reyes Headland SMR	5.52	4.2	0-162
Point Reyes Headland SMCA	10.46	4.2	105-217
Drakes-Limantour Estero SMR	4.04	7.2	0-10
Duxbury-Double Point SMR	14.12	3.3	0-136
Duxbury-Double Point SMCA	10.63	2.7	0-126
Fitzgerald-Devils Slide SMR	14.52	7.3	0-150
Fitzgerald-Devils Slide SMCA	13.37	7.3	92-172
Pescadero-Bean Hollow SMR	13.86	3.6	0-208
Farallon SMR	94.09	NA	0-382

^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 C (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	19.95%	0.00%	1.68%	21.63%
Rocky intertidal and cliff	33.86%	0.00%	7.47%	41.34%
Coastal marsh	47.72%	0.00%	0.00%	47.72%
Tidal flats	26.53%	0.00%	0.00%	26.53%
Seagrass beds (0-30m): Surfgrass	42.83%	0.00%	5.04%	47.86%
Seagrass beds (0-30m): Eelgrass	60.82%	0.00%	0.00%	60.82%
Estuary	20.77%	0.00%	0.00%	20.77%
Soft bottom				
0-30 meters	12.33%	0.00%	1.80%	14.13%
30-100 meters	34.00%	0.00%	14.59%	48.58%
100-200 meters	98.34%	0.00%	1.66%	100.00%
>200 meters	N/A	0.00%	N/A	N/A
Hard bottom				
0-30 meters	29.64%	0.00%	13.16%	42.80%
30-100 meters	50.25%	0.00%	10.72%	60.97%
100-200m	N/A	0.00%	N/A	N/A
>200 meters	N/A	0.00%	N/A	N/A
Kelp forest				
Kelp 1989	24.64%	0.00%	22.14%	46.77%
Kelp 1999	18.40%	0.00%	20.98%	39.38%
Kelp 2002	39.95%	0.00%	0.30%	40.25%
Kelp 2003	16.97%	0.00%	17.51%	34.49%
Kelp 2004	19.10%	0.00%	11.79%	30.89%
Kelp 2005	13.80%	0.00%	26.31%	40.11%
Average kelp	24.10%	0.00%	16.74%	40.84%

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