

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

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

Type of MPA ¹	# Proposed	Area (mi ²)	% of study region
State Marine Reserve (SMR)	13	47.13	6.18%
State Marine Park (SMP)	1	0.63	0.08%
State Marine Conservation Area (SMCA)	6	99.97	13.10%
All MPAs combined	20	147.74	19.36%

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

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

MPA Name ^A	Size (mi ²)	Along-shore span (mi) ^B	Depth range (ft)
Point Arena SMR	7.29	4.3	0-205
Point Arena SMCA	14.16	5.9	98-324
Fish Rocks SMR	0.28	0.7	0-83
Gualala Point Island SMR	0.51	1.1	0-80
Black Point to Salt Point SMR	7.66	9.5	0-177
Black Point to Salt Point SMCA	27.88	9.5	149-300
Fort Ross SMR	0.12	0.5	0-75
Russian River SMR	1.49	2.7	0-50
Bodega Head SMR	12.65	6.5	0-229
Bodega Head SMCA	11.36	6.5	148-267
Tomales Bay SMP	0.63	1.7	0-10
Tomales Bluff/Bird Rock SMR	0.28	0.6	0-44
Point Reyes SMR	4.54	3.7	0-132
Point Reyes Offshore SMCA	28.85	6.8	0-212
Drakes Estero and Limantour SMR	4.04	7.2	0-10
Point San Pedro SMR	0.29	0.4	0-57
Devil's Slide SMR	0.17	0.4	0-45
Fitzgerald SMCA 1	4.70	2.7	0-101
Fitzgerald SMR	7.80	4.0	0-146
Fitzgerald SMCA 2	13.03	6.7	93-170

^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 D (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	12.38%	0.27%	5.35%	18.00%
Rocky intertidal and cliff	29.32%	0.00%	1.42%	30.75%
Coastal marsh	37.05%	10.14%	0.00%	47.19%
Tidal flats	26.58%	0.80%	2.63%	30.01%
Seagrass beds (0-30m): Surfgrass	23.30%	0.00%	4.75%	28.05%
Seagrass beds (0-30m): Eelgrass	60.84%	0.00%	0.09%	60.92%
Estuary	19.83%	3.15%	0.00%	22.98%
Soft bottom				
0-30 meters	5.54%	0.42%	4.73%	10.69%
30-100 meters	2.37%	0.00%	20.19%	22.56%
100-200 meters	0.00%	0.00%	1.66%	1.66%
>200 meters	N/A	N/A	N/A	N/A
Hard bottom				
0-30 meters	20.26%	0.00%	0.29%	20.55%
30-100 meters	20.52%	0.00%	3.69%	24.21%
100-200m	N/A	N/A	N/A	N/A
>200 meters	N/A	N/A	N/A	N/A
Kelp forest				
Kelp 1989	26.06%	0.00%	0.00%	26.06%
Kelp 1999	20.94%	0.00%	0.00%	20.94%
Kelp 2002	35.34%	0.00%	0.05%	35.39%
Kelp 2003	18.87%	0.00%	0.00%	18.87%
Kelp 2004	19.90%	0.00%	0.03%	19.92%
Kelp 2005	18.79%	0.00%	0.00%	18.79%
Average kelp	24.93%	0.00%	0.01%	24.94%

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