

California Marine Life Protection Act Initiative
North Central Coast Project
Staff Summary of Area and Habitats in Proposal 0 (Existing MPAs)
February 1, 2008

Overall Summary for Proposal 0 (12/21/07 version)

Type of MPA ¹	# Proposed	Area (mi ²)	% of Study Region
State Marine Reserve (SMR)	1	0.29	0.04%
State Marine Park (SMP)	2	0.75	0.10%
State Marine Conservation Area (SMCA)	10	25.78	3.38%
All MPAs combined	13	26.82	3.51%

¹ Note: These are proposed marine protected area designations, NOT levels of protection assigned by the MLPA Master Plan Science Advisory Team.

Summary of SMCAs by Protection Level for Proposal 0 (12/21/07 version)

SMCA Protection Level	# Proposed	Area (mi ²)	% of Study Region
High Protection	0	0.00	0.00%
Moderate-High Protection	0	0.00	0.00%
Moderate Protection	0	0.00	0.00%
Low Protection	10	25.78	3.38%
All SMCAs combined	10	25.78	3.38%

Individual MPAs in Proposal 0 (12/21/07 version)

MPA Name	Size (mi ²)	Along-shore span (mi) ^A	Depth range (ft)
Manchester and Arena Rock SMCA	6.71	3.0	0-141
Del Mar Landing SMP	0.09	0.3	0-55
Salt Point SMCA	1.63	2.2	0-182
Gerstle Cove SMCA	0.01	0.1	0-10
Fort Ross SMCA	0.11	0.9	0-32
Sonoma Coast SMCA	0.91	3.3	0-14
Bodega SMR	0.29	1.1	0-30
Tomaes Bay SMP	0.66	1.2	0-10
Point Reyes Headlands SMCA	0.82	3.1	0-80
Estero de Limantour SMCA	0.79	3.1	0-10
Duxbury Reef SMCA	0.67	3.0	0-10
James V_ Fitzgerald SMCA	0.78	3.4	0-31
Farallon Islands SMCA	13.34	5.1	0-244

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

Habitat Representation in Proposal 0 (12/21/07 version)

Habitat	Area ¹ (mi ²) and percentage of mapped habitat in proposed MPA designations in the study region ²			
	SMR	SMP	SMCA	Total MPAs
Intertidal				
Sandy or gravel beach	0.23 (0%)	0.32 (0%)	10.48 (9%)	11.03 (9%)
Rocky intertidal & cliff	1.51 (1%)	0.45 (0%)	21.56 (13%)	23.52 (14%)
Coastal marsh	0.00 (0%)	6.10 (12%)	5.22 (10%)	11.32 (22%)
Tidal flats	0.00 (0%)	0.15 (1%)	1.17 (6%)	1.32 (7%)
Seagrass beds: Surfgrass	1.24 (2%)	0.00 (0%)	13.96 (20%)	15.20 (22%)
Seagrass beds: Eelgrass	0.00 (0%)	0.00 (0%)	0.77 (13%)	0.77 (13%)
Estuary	0.00 (0%)	0.64 (3%)	0.73 (4%)	1.36 (7%)
Soft bottom				
0-30 meters	0.00 (0%)	0.65 (0%)	2.51 (2%)	3.16 (2%)
30-100 meters	0.00 (0%)	0.00 (0%)	8.05 (2%)	8.05 (2%)
100-200 meters ³	NA	NA	NA	NA
>200 meters ³	NA	NA	NA	NA
Hard bottom				
0-30 meters	0.11 (0%)	0.01 (0%)	1.54 (5%)	1.66 (5%)
30-100 meters	0.00 (0%)	0.00 (0%)	6.98 (13%)	6.98 (13%)
100-200 meters ³	NA	NA	NA	NA
>200 meters ³	NA	NA	NA	NA
Kelp forest				
Kelp 1989	0.00 (0%)	0.00 (0%)	0.16 (5%)	0.16 (5%)
Kelp 1999	0.00 (0%)	0.00 (0%)	0.04 (3%)	0.05 (3%)
Kelp 2002	0.00 (0%)	0.00 (0%)	0.23 (13%)	0.23 (13%)
Kelp 2003	0.00 (0%)	0.00 (0%)	0.05 (4%)	0.05 (4%)
Kelp 2004	0.00 (0%)	0.00 (0%)	0.12 (9%)	0.13 (9%)
Kelp 2005	0.00 (0%)	0.00 (0%)	0.01 (2%)	0.02 (2%)
Average kelp	0.00 (0%)	0.00 (0%)	0.10 (6%)	0.11 (6%)

¹ Note: Area expressed as mi² except for Intertidal habitats and Surfgrass bed, which are expressed in mi.

² Note: These are proposed MPA designations, NOT levels of protection assigned by the SAT

³ Note: The "NA" notation is due to the fact that these habitats are not found or are only found in small areas in this study region.