

**California Marine Life Protection Act Initiative
North Central Coast Project
Staff Summary of Area and Habitats in MPA Proposal 0
Revised April 10, 2008**

Overall Summary for Proposal 0 (March 27, 2008 version)

Type of MPA ^{1,2}	# Proposed	Area (mi ²)	% of Study Region
State Marine Reserve (SMR)	1	0.3	<0.1%
State Marine Park (SMP)	2	0.8	0.1%
State Marine Conservation Area (SMCA)	10	25.7	3.4%
All MPAs combined	13	26.8	3.5%

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

² Note: SMCA = state marine conservation area, SMP = state marine park, SMR = state marine reserve

Summary of MPAs by Level of Protection for Proposal 0 (March 27, 2008 version)

Level of Protection (LOP)	# Proposed	Area (mi ²)	% of Study Region
Very High	1	0.3	<0.1%
High	0	0.0	0.0%
Moderate-High	0	0.0	0.0%
Moderate	0	0.0	0.0%
Low ³	12	26.5	3.5%
Total	13	26.8	3.5%

³ Note: The Low category groups together MPAs that are assigned a moderate-low or low LOP.

Individual MPAs in Proposal 0 (March 27, 2008 version)

MPA Name	Size (mi ²)	Along-shore span ⁴ (mi)	Depth range (ft)
Manchester & 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
Tomales 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

⁴ Note: Alongshore span measured as direct line from one end of the MPA to the other.

Habitat Representation in Proposal 0 (March 27, 2008 version)

Habitat	Area ⁵ (mi ²) and percentage of mapped habitat in proposed MPA designations in the study region ⁶			
	SMR	SMP	SMCA	Total MPAs
Intertidal				
Sandy or gravel beach *	0.23 (0%)	0.32 (0%)	10.40 (9%)	10.95 (9%)
Rocky intertidal & cliff *	1.51 (1%)	0.45 (0%)	24.57 (15%)	26.53 (16%)
Coastal marsh	0.00 (0%)	0.44 (28%)	0.03 (2%)	0.46 (30%)
Tidal flats*	0.00 (0%)	0.15 (1%)	1.17 (6%)	1.32 (7%)
Seagrass beds				
Surfgrass*	1.24 (2%)	0.00 (0%)	13.91 (20%)	15.15 (22%)
Eelgrass	0.00 (0%)	0.00 (0%)	0.77 (13%)	0.77 (13%)
Estuary				
Estuary	0.00 (0%)	0.64 (3%)	0.73 (4%)	1.36 (7%)
Soft bottom				
0-30 meters*	0.00 (0%)	0.00 (0%)	4.15 (4%)	4.15 (4%)
30-100 meters	0.00 (0%)	0.00 (0%)	8.05 (2%)	8.05 (2%)
100-200 meters ⁷	NA	NA	NA	NA
>200 meters ⁷	NA	NA	NA	NA
Hard bottom				
0-30 meters*	0.00 (0%)	0.00 (0%)	9.60 (12%)	9.60 (12%)
30-100 meters	0.00 (0%)	0.00 (0%)	6.98 (13%)	6.98 (13%)
100-200 meters ⁷	NA	NA	NA	NA
>200 meters ⁷	NA	NA	NA	NA
Substrate < 50 m deep				
Hard substrate	0.11 (0%)	0.01 (0%)	4.37 (7%)	4.48 (7%)
Soft substrate	0.00 (0%)	0.33 (0%)	6.09 (2%)	6.42 (2%)
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%)	0.01 (0%)	3.10 (9%)	3.11 (9%)

⁵ Note: Habitats measured as an area (mi²) except for those with a * notation. Habitats with a * notation are expressed in linear units (mi).

⁶ Note: These are proposed MPA designations, NOT levels of protection assigned by the SAT

⁷ 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.