

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.

California MLPA North Central Coast Regional Stakeholder Group
Existing MPAs in the North Central Coast Study Region (Proposal 0)
For initial review by the MLPA Master Plan Science Advisory Team and Blue Ribbon Task Force
October 26, 2007.

NAME OF MPA ARRAY: *Existing North Central Coast MPAs; no action alternative (Proposal 0)*

FORMAT IN WHICH PROPOSED MPA BOUNDARIES WERE SUBMITTED:

_____ MPA ARRAY IN DORIS _____ HARDCOPY MAP TO STAFF ___X___ GIS FORMAT

NUMBER AND TYPE OF MPAS IN INITIAL MPA ARRAY:

__1__ SMR __2__ SMP __10__ SMCA __13__ Total # MPAs

NARRATIVE RATIONALE:

These existing MPAs represent the no action alternative in the MLPA North Central Coast Project.

Initial MPA Array

Initial MPA Array Name: Existing North Central Coast MPAs (Proposal 0)

Provide ALL the information listed below for each individual MPA included in the initial MPA array option.

MPA Name	Type (SMCA, SMP, SMR)	GIS ID #	General MPA Boundaries	Allowed or Disallowed Uses	Goals/Objectives/ Design Criteria this MPA Contributes Toward	Comments, Questions or Important Information
Manchester and Arena Rock SMCA	SMCA	NA	Existing MPA along Manchester State Beach north of Point Arena	Allows recreational and commercial take of finfish and some invertebrates. Allows commercial take of some algae.	NA	
Del Mar Landing SMP	SMP	NA	Existing MPA near Sea Ranch	Take of all living marine resources is prohibited except the recreational take of finfish by hook and line or spear.	NA	
Salt Point SMCA	SMCA	NA	Existing MPA at Salt Point State Park	Only the following species may be taken recreationally: finfish, red abalone, chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels and marine worms except that no worms may be taken in any mussel bed unless taken incidentally to the take of mussels. Only the following species may	NA	

MPA Name	Type (SMCA, SMP, SMR)	GIS ID #	General MPA Boundaries	Allowed or Disallowed Uses	Goals/Objectives/ Design Criteria this MPA Contributes Toward	Comments, Questions or Important Information
				be taken commercially: finfish, crabs, ghost shrimp, jackknife clams, sea urchins, algae (except giant kelp and bull kelp) and worms except that no worms may be taken in any mussel bed, nor may any person pick up, remove, detach from the substrate any other organisms, or break up, move or destroy any rocks or other substrate or surfaces to which organisms are attached.		
Gerstle Cove SMCA	SMCA	NA	Existing MPA at Salt Point State Park, surrounded by Salt Point SMCA. Demarcated with land-based reference points.	Take of all living marine resources is prohibited except the commercial take of finfish and algae (except giant kelp and bull kelp).	NA	Note that existing state park regulations have made this MPA effectively no take.
Fort Ross SMCA	SMCA	NA	Existing MPA near Fort Ross, extending approximately 1000 ft offshore.	No recreational take of living or non-living marine resources is allowed except: finfish, red abalone, chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels and marine worms except that no worms may be taken in any mussel bed unless taken	NA	

MPA Name	Type (SMCA, SMP, SMR)	GIS ID #	General MPA Boundaries	Allowed or Disallowed Uses	Goals/Objectives/ Design Criteria this MPA Contributes Toward	Comments, Questions or Important Information
				<p>incidentally to the take of mussels.</p> <p>Commercial take of species other than giant kelp and bull kelp is allowed.</p>		
Sonoma Coast SMCA	SMCA	NA	Existing MPA north of Bodega Head, adjacent to Bodega SMR.	<p>No recreational take of living or non-living marine resources is allowed except: finfish, red abalone, chiones, clams, cockles crabs, ghost shrimp, mussels, native oysters, rock scallops, sea urchins and marine worms except that no worms may be taken in any mussel bed unless taken incidentally to the take of mussels.</p> <p>Commercial take of species other than giant kelp and bull kelp is allowed.</p>	NA	This MPA overlaps with Bodega SMR.
Bodega SMR	SMR	NA	Existing MPA at Bodega Head, adjacent to Bodega Marine Lab.	All commercial and recreational take prohibited.	NA	This MPA overlaps with Sonoma Coast SMCA.
Tomales Bay SMP	SMP	NA	Existing MPA at southeast end of Tomales Bay.	Take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants. Only	NA	

MPA Name	Type (SMCA, SMP, SMR)	GIS ID #	General MPA Boundaries	Allowed or Disallowed Uses	Goals/Objectives/ Design Criteria this MPA Contributes Toward	Comments, Questions or Important Information
				lightweight, hand-carried boats may be launched or operated within the Park.		
Point Reyes Headlands SMCA	SMCA	NA	Existing MPA at the Point Reyes Headlands, extending approximately 1000 ft offshore.	Take of all living marine resources is prohibited except the commercial take of finfish and algae other than giant kelp and bull kelp.	NA	
Estero de Limantour SMCA	SMCA	NA	Existing MPA encompassing Estero de Limantour, adjacent to Drakes Estero.	Take of all living marine resources is prohibited except the commercial take of finfish and algae other than giant kelp and bull kelp.	NA	
Duxbury Reef SMCA	SMCA	NA	Existing MPA at Duxbury Reef, extending approximately 1000 ft offshore.	Only the following species may be taken recreationally: red abalone, Dungeness crab, rock crabs, rockfish (family Scorpaenidae), lingcod, cabezon, surfperch (family Embiotocidae), halibut, flounder, sole, turbot, salmon, kelp greenling, striped bass, steelhead, monkeyface-eel, wolf-eel, smelt, and silversides. Commercial take of species other than giant kelp and bull kelp is allowed.	NA	

MPA Name	Type (SMCA, SMP, SMR)	GIS ID #	General MPA Boundaries	Allowed or Disallowed Uses	Goals/Objectives/ Design Criteria this MPA Contributes Toward	Comments, Questions or Important Information
James V_ Fitzgerald SMCA	SMCA	NA	Existing MPA north of Pillar Point Harbor.	Take of all living marine resources is prohibited except the recreational take by hook and line or spear of: rockfish (family Scorpaenidae), lingcod, surfperch (family Embiotocidae), monkeyface eel, rock eel, white croaker, halibut, cabezon, kelp greenling, and smelt (Families Osmeridae and Atherinidae).	NA	
Farallon Islands SMCA	SMCA	NA	Existing MPA in the waters around the Farallon Islands.	Vessel Operation/anchoring closure in a portion of the SMCA seasonally. No take of groundfish from 0-10 fathoms.	NA	Note that regulations only apply in a portion of this MPA.