

**California MLPA North Coast Project**  
**Round 3 Evaluations: Staff Summary of Area and Habitats in**  
**Proposal 0 (Existing MPAs)**  
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**Table 1. Summary of MPAs by Designation for Proposal 0 (Existing MPAs)**

Type of MPA <sup>a</sup>	# of MPAs	Area (mi <sup>2</sup> )	% of Study Region
State Marine Reserve (SMR)	1	2.07	0.2%
State Marine Recreational Managed Area (SMRMA)	0	0.00	0.0%
State Marine Park (SMP)	0	0.00	0.0%
State Marine Conservation Area (SMCA)	4	1.06	0.1%
<b>All MPAs combined</b>	<b>5</b>	<b>3.13</b>	<b>0.3%</b>

<sup>a</sup> *These are proposed marine protected area (MPA) designations, NOT levels of protection assigned by the MLPA Master Plan Science Advisory Team (SAT). SMRMA is not an MPA designation, but rather a marine managed area designation.*

**Table 2. Summary of MPAs by Level of Protection for Proposal 0 (Existing MPAs)**

Level of Protection (LOP)	# of MPAs	Area (mi <sup>2</sup> )	% of Study Region
Very High <sup>b</sup>	1	2.07	0.2%
High	0	0.00	0.0%
Moderate-High	0	0.00	0.0%
Moderate	0	0.00	0.0%
Moderate-low	0	0.00	0.0%
Low	4	1.06	0.1%
<b>Total</b>	<b>5</b>	<b>3.13</b>	<b>0.3%</b>

<sup>b</sup> *The "Very High" category includes MPAs with SMR designation, as well as SMRMA designations that do not propose any allowed uses.*

**Table 3. Individual MPAs in Proposal 0 (Existing MPAs)**

MPA Name	Size <sup>c</sup> (mi <sup>2</sup> )	Alongshore Span <sup>d</sup> (mi)	Depth Range (ft)
Punta Gorda SMR	2.07	1.6	15 - 184
MacKerricher SMCA	0.72	3.0	0 - 38
Point Cabrillo SMCA	0.22	0.9	0 - 20
Russian Gulch SMCA	0.09	0.7	0 - 3
Van Damme SMCA	0.02	0.2	0 - 11

<sup>c</sup> Size is measured in square statute miles.

<sup>d</sup> Alongshore span measured as direct line from one end of the MPA to the other, roughly paralleling the coastline. An alongshore span is not calculated for estuarine MPAs.

**Table 4. Habitat Representation in Proposal 0 (Existing MPAs)**

Habitat <sup>e</sup>	SMR		SMRMA		SMP		SMCA		Total MPAs	
	Area	%	Area	%	Area	%	Area	%	Area	%
Intertidal										
Sandy or gravel beach*	0.00	0%	0.00	0%	0.00	0%	1.92	1%	1.92	1%
Rocky shores*	0.00	0%	0.00	0%	0.00	0%	7.84	5%	7.84	5%
Hardened shores*	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Coastal marsh*	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Coastal marsh	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Tidal flats*	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Seagrass beds										
Humboldt Eelgrass	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Estuarine										
Estuary	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Hard bottom										
0-30 meters proxy* <sup>f</sup>	0.81	2%	0.00	0%	0.00	0%	0.00	0%	0.81	2%
0-30 meters	0.27	1%	0.00	0%	0.00	0%	0.16	1%	0.44	1%
30-100 meters	0.26	1%	0.00	0%	0.00	0%	0.00	0%	0.26	1%
100-200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
>200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Soft bottom										
0-30 meters proxy* <sup>f</sup>	0.77	<1%	0.00	0%	0.00	0%	0.00	0%	0.77	<1%
0-30 meters	0.44	<1%	0.00	0%	0.00	0%	0.07	<1%	0.51	<1%

Habitat <sup>e</sup>	SMR		SMRMA		SMP		SMCA		Total MPAs	
	Area	%	Area	%	Area	%	Area	%	Area	%
30-100 meters	1.00	<1%	0.00	0%	0.00	0%	0.00	0%	1.00	<1%
100-200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
>200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Unknown										
0-30 meters	0.10	<1%	0.00	0%	0.00	0%	0.82	<1%	0.92	1%
30-100 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
100-200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
>200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Other										
Offshore rocks*	0.00	0%	0.00	0%	0.00	0%	6.49	4%	6.49	4%
Canyon	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Linear kelp*	0.00	0%	0.00	0%	0.00	0%	0.23	<1%	0.23	<1%

<sup>e</sup> Habitats are measured as an area (m<sup>2</sup>) except for those with a \* notation. Habitats with a \* notation are expressed in linear units (mi).

<sup>f</sup> A linear measurement of substrate in the 0-30m zone, called the 0-30m proxy line was developed to address the limited fine scale data for the nearshore habitat. The proxy line is drawn roughly parallel to shore at 12-15m depth and is divided into short segments and the estimated proportion of hard and soft bottom in the 0-30m zone is associated with each segment.