

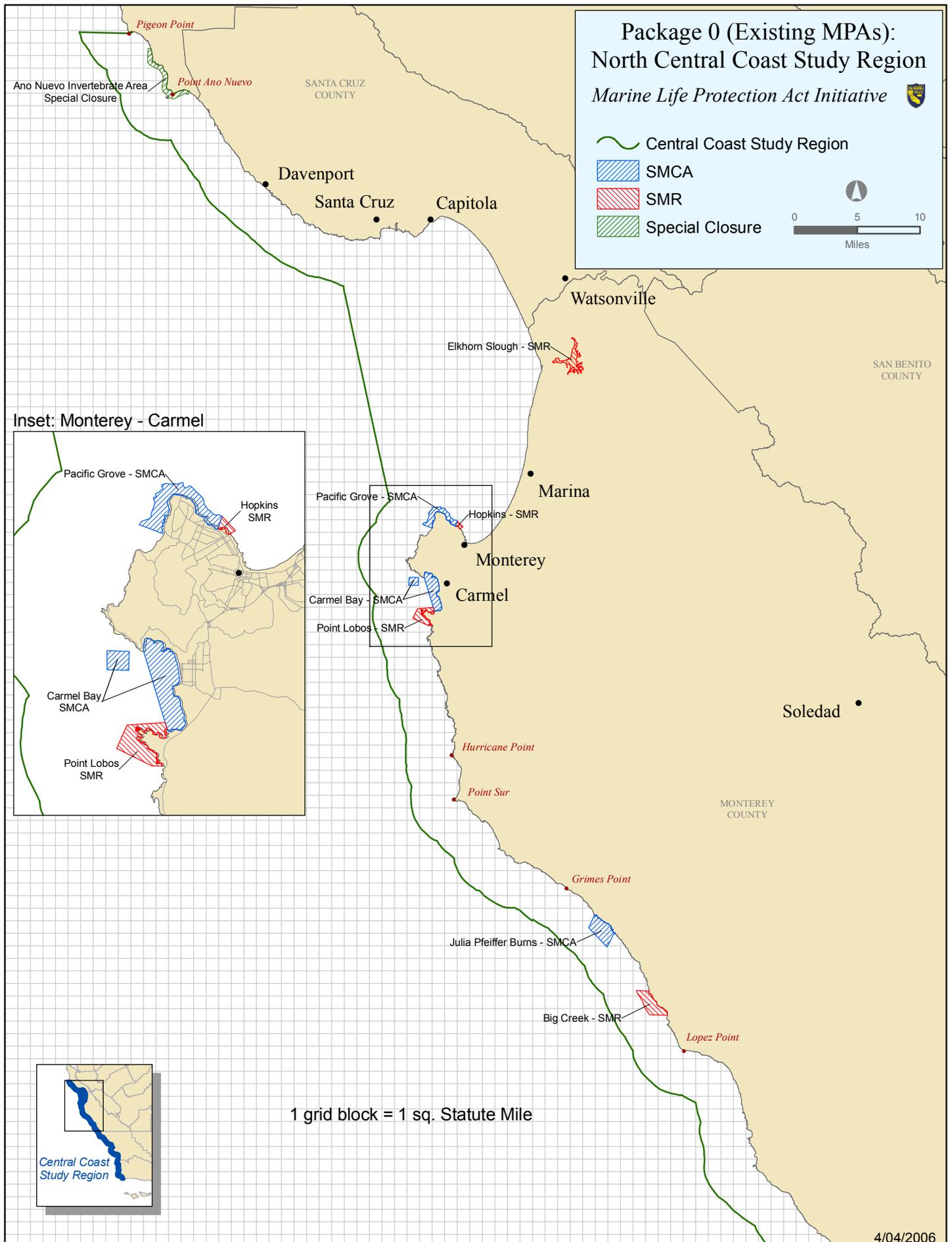
California Marine Life Protection Act Initiative

MPA Package 0 (Existing MPAs 2005)

Map: North Central Coast Study Region

Map: South Central Coast Study Region

Staff Summary of Area and Habitats

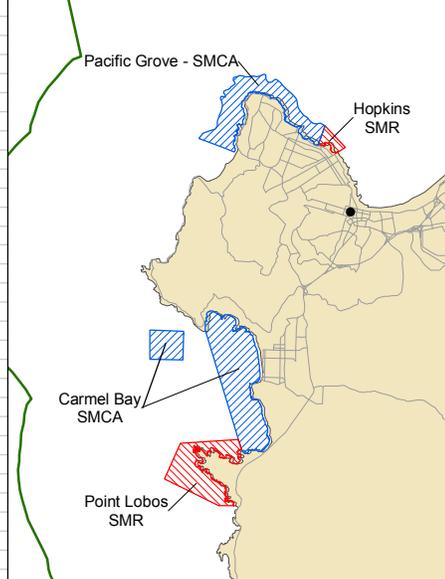


**Package 0 (Existing MPAs):
North Central Coast Study Region**
Marine Life Protection Act Initiative

- Central Coast Study Region
- SMCA
- SMR
- Special Closure



Inset: Monterey - Carmel



1 grid block = 1 sq. Statute Mile



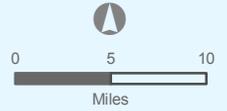
Package 0 (Existing MPAs): South Central Coast Study Region

Marine Life Protection Act Initiative 

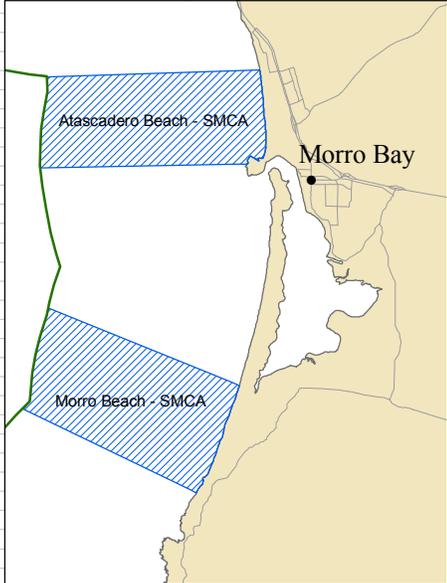
 Central Coast Study Region

 SMCA

 SMR



Inset: Morro Bay



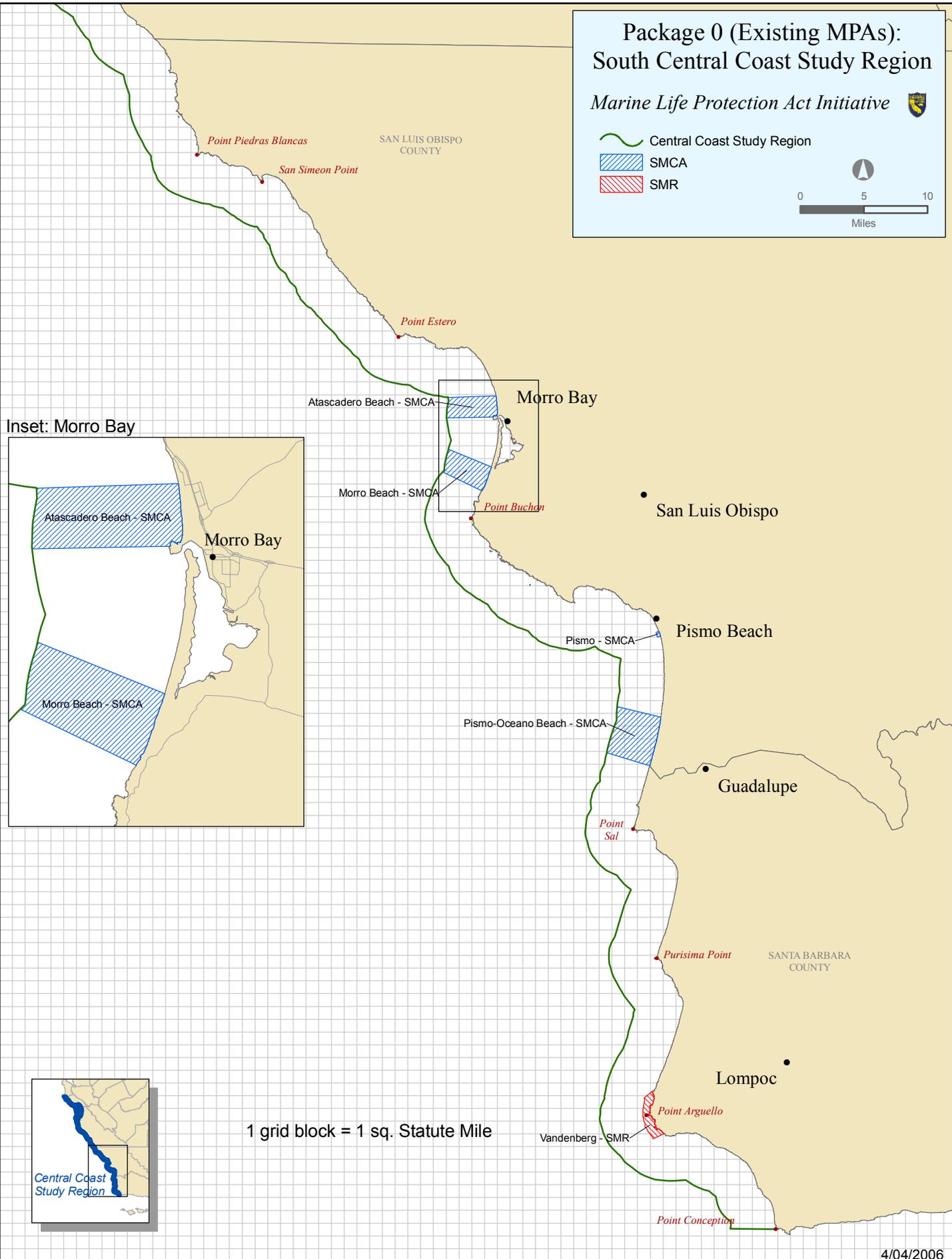
1 grid block = 1 sq. Statute Mile



4/04/2006

SMCA = state marine conservation area

SMR = state marine reserve



**California Marine Life Protection Act Initiative
Central Coast Project
Staff Summary of Area and Habitats in Package 0 (Existing Central Coast MPAs)
Revised March 29, 2006 (format only)**

Overall Summary for Package 0 (Existing Central Coast MPAs 2005)

Type of MPA	# Existing	Area (mi ²)	% of Study Region
Special Closure (SC)	1	2.20 mi ²	0.19%
State Marine Conservation Area (SMCA)	7	33.50 mi ²	2.91%
State Marine Park (SMP)	0	0.00 mi ²	0.00%
State Marine Reserve (SMR)	5	7.45 mi ²	0.65%
All MPAs combined	13	43.15 mi ²	3.75%

¹ Note: These are existing MPA designations, NOT levels of protection assigned by the MLPA Master Plan Science Advisory Team.

Individual MPAs in Package 0 (Existing Central Coast MPAs 2005)

MPA Name ^A	Size (mi ²)	Along-shore span (mi) ^B	Depth range (ft)
Special Closure: Año Nuevo Invertebrate Area (*)	2.20 mi ²	5.52 mi	0-55 ft
Elkhorn Slough SMR	1.36 mi ²	3.16 mi	0-10 ft
Hopkins SMR	0.15 mi ²	0.52 mi	3-71 ft
Pacific Grove SMCA (*)	1.54 mi ²	3.45 mi	0-65 ft
Carmel Bay SMCA (*)	2.80 mi ²	3.11 mi	0-471 ft
Point Lobos SMR	1.19 mi ²	1.96 mi	0-203 ft
Julia Pfeiffer Burns SMCA (*)	2.65 mi ²	2.07 mi	3-628 ft
Big Creek SMR	2.27 mi ²	2.19 mi	0-264 ft
Atascadero Beach SMCA (*)	6.33 mi ²	1.61 mi	0-234 ft
Morro Beach SMCA (*)	6.82 mi ²	1.96 mi	0-232 ft
Pismo SMCA (*)	0.08 mi ²	0.38 mi	3-17 ft
Pismo-Oceano SMCA (*)	13.29 mi ²	3.80 mi	0-133 ft
Vandenberg SMR	2.48 mi ²	3.68 mi	3-65 ft

A. Listed north to south. Symbols following proposed MPA name indicate level of protection as determined by the MLPA Master Plan Science Advisory Team (SAT). (***) 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 Package 0 (Existing Central Coast MPAs 2005)

Habitat	Percentage of Mapped Habitat in Existing MPA Designations in the Study Region ¹				
	SC	SMCA	SMP	SMR	Total MPAs
Intertidal					
Sandy or gravel beaches	2.71%	6.45%	0.00%	2.36%	11.51%
Rocky intertidal and cliff	1.30%	6.07%	0.00%	7.99%	15.36%
Coastal marsh	0.00%	0.00%	0.00%	25.08%	25.08%
Tidal flats	0.00%	0.00%	0.00%	39.02%	39.02%
Seagrass beds (0-30m): Surfgrass	2.85%	7.34%	0.00%	6.05%	16.23%
Seagrass beds (0-30m): Eelgrass	0.00%	0.00%	0.00%	2.80%	2.80%
Estuary	0.00%	0.61%	0.00%	13.84%	14.45%
Soft bottom					
0-30 meters	0.70%	5.48%	0.00%	1.67%	7.85%
30-100 meters	0.00%	2.63%	0.00%	0.23%	2.86%
100-200 meters	0.00%	0.03%	0.00%	0.00%	0.03%
>200 meters	0.00%	0.00%	0.00%	0.00%	0.00%
Hard bottom					
0-30 meters	0.45%	2.88%	0.00%	1.41%	4.74%
30-100 meters	0.00%	1.79%	0.00%	0.69%	2.48%
100-200m	0.00%	0.00%	0.00%	0.00%	0.00%
>200 meters	0.00%	0.00%	0.00%	0.00%	0.00%
Kelp forest					
Average kelp ('89, '99, '02, '03)	0.02%	6.23%	0.00%	3.35%	9.61%
Persistent kelp	0.00%	6.61%	0.00%	6.29%	12.90%
Submarine canyon					
0-30 meters	0.00%	31.86%	0.00%	0.00%	31.86%
30-100 meters	0.00%	1.58%	0.00%	0.00%	1.58%
100-200 meters	0.00%	0.17%	0.00%	0.00%	0.17%
>200 meters	0.00%	0.00%	0.00%	0.00%	0.00%

¹Note: These are MPA designations, NOT levels of protection assigned by the MLPA Master Plan Science Advisory Team