

California MLPA South Coast Study Region
Description of Marine Protected Areas (MPAs) in Proposal 0 (Existing MPAs)
Revised March 18, 2009

MLPA Study Region: South Coast
Name: Proposal 0 (Existing MPAs)
Author: None (these are existing MPAs)
Revised: March 18, 2009

Total number of MPAs/closures: 42
 Number of SMRs: 15
 Number of SMCAs: 19
 Number of SMPs: 8
 Number of Military Closures: 0

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Take Regulations
Refugio SMCA	NA	North Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except for chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, worms, and finfish. Prohibits all commercial take except for algae (except giant kelp and bull kelp); crabs, ghost shrimp, jackknife clams, sea urchins, worms, and finfish.
Goleta Slough SMP	NA	North Mainland	See MarineMap	SMP	Low	Prohibits all recreational take except for hook and line take of species other than marine aquatic plants. Prohibits all commercial take.
Big Sycamore Canyon SMR	NA	North Mainland	See MarineMap	SMR	Very High	No take
Abalone Cove SMP	NA	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except for finfish by hook and line or spear. Prohibits all commercial take.
Point Fermin SMP	NA	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish shall only be taken by hook and line or spear. Prohibits all commercial take.
Bolsa Chica SMP	NA	South Mainland	See MarineMap	SMP	Low	Prohibits take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay.
Upper Newport Bay SMP	NA	South Mainland	See MarineMap	SMP	Low	Prohibits all recreational take except hook and line take of species other than kelp. Prohibits all commercial take.
Robert E Badham SMCA	NA	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish shall only be taken by hook and line or spear. Prohibits all commercial take except lobster.

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MPA Name	Other Proposed Regulations	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Refugio SMCA	None Specified	None Specified	None	None
Goleta Slough SMP	Boating, swimming, wading, and diving are prohibited. Other restrictions exist on accessible areas.	None Specified	None	None
Big Sycamore Canyon SMR	Swimming, wading, diving, or using any diving equipment are prohibited (exceptions apply). Other restrictions exist regarding: boating, firearms, public entry, pesticides/herbicides, litter, aircraft pets and scientific collection.	None Specified	None	None
Abalone Cove SMP	None Specified	None Specified	None	None
Point Fermin SMP	None Specified	None Specified	None	None
Bolsa Chica SMP	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: time of entry, accessible areas and allowed management activities.	None Specified	None	None
Upper Newport Bay SMP	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees.	None Specified	None	None
Robert E Badham SMCA	None Specified	None Specified	None	None

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Crystal Cove SMCA	NA	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins mussels, worms, and finfish. Prohibits all commercial take except algae (except giant kelp and bull kelp); crabs, ghost shrimp, jackknife clams, sea urchins, and worms and finfish
Irvine Coast SMCA	NA	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish shall be taken only by hook and line or by spear. Prohibits all commercial take except lobster.
Heisler Park SMR	NA	South Mainland	See MarineMap	SMR	Very High	No take
Laguna Beach SMCA	NA	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish shall be taken only by hook and line or by spear. Prohibits all commercial take except lobster.
South Laguna Beach SMCA	NA	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.
Niguel SMCA	NA	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.

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Crystal Cove SMCA	None Specified	None Specified	None	None
Irvine Coast SMCA	None Specified	None Specified	None	None
Heisler Park SMR	Restrictions exist regarding: boat launching areas and anchoring times.	None Specified	None	None
Laguna Beach SMCA	None Specified	None Specified	None	None
South Laguna Beach SMCA	None Specified	None Specified	None	None
Niguel SMCA	None Specified	None Specified	None	None

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Take Regulations
Dana Point SMCA	NA	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take between mean high-tide and the low-lower water mark. Below the low-lower water mark the following species may be taken recreationally: lobster, rockfish, greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, Corbina, white seabass, opaleye, halfmoon, surfperch, blacksmith, barracuda, sheephead, bonito, California halibut, sole, turbot, and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.
Doheny SMCA	NA	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins mussels, and worms, and finfish. <u>Commercial take is allowed</u>
Doheny Beach SMCA	NA	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.
Agua Hedionda Lagoon SMR	NA	South Mainland	See MarineMap	SMR	Very High	No take
Batiquitos Lagoon SMP	NA	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. <u>Prohibits all commercial take.</u>
Encinitas SMCA	NA	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except finfish. <u>Prohibits all commercial take except for finfish</u>
Cardiff-San Elijo SMCA	NA	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins mussels, and worms and finfish. <u>Allows all commercial take.</u>
San Elijo Lagoon SMP	NA	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. <u>Prohibits all commercial take.</u>
San Dieguito Lagoon SMP	NA	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore and the Grand Avenue bridge. Prohibits all commercial take.
San Diego-Scripps SMCA	NA	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except finfish. <u>Prohibits all commercial take except finfish</u>
La Jolla SMCA	NA	South Mainland	See MarineMap	SMCA	High	Prohibits all recreational take. Prohibits all commercial take except for squid for the purpose of bait by hand-held scoop net west of a line drawn due north from Goldfish Point.

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MPA Name	Other Proposed Regulations	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Dana Point SMCA	Restrictions exist regarding: take and impact in the intertidal zone, scientific collection, and allowed management activities.	None Specified	None	None
Doheny SMCA	None Specified	None Specified	None	None
Doheny Beach SMCA	None Specified	None Specified	None	None
Agua Hedionda Lagoon SMR	Restrictions exist regarding: allowed management activities.	None Specified	None	None
Batiquitos Lagoon SMP	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.	None Specified	None	None
Encinitas SMCA	None Specified	None Specified	None	None
Cardiff-San Elijo SMCA	None Specified	None Specified	None	None
San Elijo Lagoon SMP	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.	None Specified	None	None
San Dieguito Lagoon SMP	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: boating, swimming, wading, diving, access to the California least tern island, hours of entry, and allowed management activities.	None Specified	None	None
San Diego-Scripps SMCA	Allowances for scientific collection.	None Specified	None	None
La Jolla SMCA	Restrictions exist regarding: boat launching areas and anchoring times.	None Specified	None	None

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Mia J Tegner SMCA	NA	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except finfish. Prohibits all commercial take except for finfish and marine aquatic plants.
Catalina Marine Science Center SMR	NA	East Channel Islands	See MarineMap	SMR	Very High	No take
Farnsworth Bank SMCA	NA	East Channel Islands	See MarineMap	SMCA	Low	Prohibits recreational and commercial take of purple coral (<i>Stylaster californicus</i>).
Lover's Cove SMCA	NA	East Channel Islands	See MarineMap	SMCA	Low	Prohibits all recreational take. Prohibits all commercial take except for kelp and finfish
Richardson Rock SMR	NA	West Channel Islands	See MarineMap	SMR	Very High	No take
Judith Rock SMR	NA	West Channel Islands	See MarineMap	SMR	Very High	No take
Harris Point SMR	NA	West Channel Islands	See MarineMap	SMR	Very High	No take
South Point SMR	NA	West Channel Islands	See MarineMap	SMR	Very High	No take
Carrington Point SMR	NA	West Channel Islands	See MarineMap	SMR	Very High	No take
Skunk Point SMR	NA	West Channel Islands	See MarineMap	SMR	Very High	No take
Painted Cave SMCA	NA	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except for lobster and pelagic finfish. Prohibits all commercial take.
Gull Island SMR	NA	Mid Channel Islands	See MarineMap	SMR	Very High	No take
Scorpion SMR	NA	Mid Channel Islands	See MarineMap	SMR	Very High	No take
Footprint SMR	NA	Mid Channel Islands	See MarineMap	SMR	Very High	No take
Anacapa Island SMCA	NA	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except for lobster and pelagic finfish. Prohibits all commercial take except for lobster
Anacapa Island SMR	NA	Mid Channel Islands	See MarineMap	SMR	Very High	No take
Santa Barbara Island SMR	NA	Mid Channel Islands	See MarineMap	SMR	Very High	No take

*SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve
TBD = To be determined*

Bioregions:

1. North Mainland (Point Conception to Marina Del Rey)
2. South Mainland (Marina del Rey to the U.S.-Mexico border)
3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands)
4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands)
5. East Channel Islands (Santa Catalina and San Clemente islands)

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Mia J Tegner SMCA	None Specified	None Specified	None	None
Catalina Marine Science Center SMR	Restrictions exist regarding: anchoring or mooring vessels, and scientific collection.	None Specified	None	None
Farnsworth Bank SMCA	None Specified	None Specified	None	None
Lover's Cove SMCA	None Specified	None Specified	None	None
Richardson Rock SMR	NA	NA	NA	NA
Judith Rock SMR	NA	NA	NA	NA
Harris Point SMR	NA	NA	NA	NA
South Point SMR	NA	NA	NA	NA
Carrington Point SMR	NA	NA	NA	NA
Skunk Point SMR	NA	NA	NA	NA
Painted Cave SMCA	NA	NA	NA	NA
Gull Island SMR	NA	NA	NA	NA
Scorpion SMR	NA	NA	NA	NA
Footprint SMR	NA	NA	NA	NA
Anacapa Island SMCA	NA	NA	NA	NA
Anacapa Island SMR	NA	NA	NA	NA
Santa Barbara Island SMR	NA	NA	NA	NA

California MLPA South Coast Study Region
Description of Marine Protected Areas (MPAs) in Draft MPA Array Lapis A
Created March 4, 2009
Revised, March 18, 2009

MLPA Study Region: South Coast
Name: Lapis_A_Round 1_090311
Author: Lapis Work Group
Revised: March 18, 2009

Total number of MPAs/closures: 47
 Number of SMRs: 24
 Number of SMCAs: 14
 Number of SMPs: 6
 Number of Military Closures: 3

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
UCSB_SMR_LAP_A_1	3843	North Mainland	North: mean high tide line South: State waters line East: East of Campus Point at the edge of the Goleta Beach County Park line West: 119 53'	SMR	Very High	All take is prohibited	None Specified
Goleta_Slough_SMP_LAP_A_1	5751	North Mainland	Retain existing boundaries.	SMP	Low	Prohibits all recreational take except for invertebrates and finfish. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist on accessible areas.
Carpinteria_Salt_Marsh_SMR_LAP_A_1	5753	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Big_Sycamore_Canyon_SMR_LAP_A_2	3880	North Mainland	North: mean high tide line South: State waters line East: 119 00' West: Mugu Point	SMR	Very High	All take is prohibited	None Specified
Malibu_East_SMR_LAP_A_1	3876	North Mainland	North: mean high tide line South: State waters line East: 118 37' West: 118 40'	SMR	Very High	All take is prohibited	None Specified
Portuguese_Bend_SMCA_LAP_A_1	3893	South Mainland	North: mean high tide line South: State waters line East: 118 21' (should line up with a landmark - Trump structure on the Trump golf course) West: Landmark - Marineland/Long Point	SMCA	Mod-Low	Commercial take of Coastal Pelagic Finfish by Seine >5None Specified meters	None Specified
Point_Fermin_SMP_LAP_A_1	5759	South Mainland	Retain existing boundaries.	SMP	Mod-Low	Prohibits all recreational take except finfish and lobster only. Prohibits all commercial take.	None Specified
Bolsa_Chica_SMP_LAP_A_1	5757	South Mainland	Retain existing boundaries.	SMP	Mod-Low	Prohibits take of all living marine resources except the recreational hook and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: time of entry, accessible areas and allowed management activities.

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
UCSB_SMR_LAP_A_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-3,O-5), G6: (O-3,O-4)	Get better representation of hard bottom, kelp habitat, oil seeps, sandy bottom, high current area, coastal pelagics, and avoid some high use areas to east and also areas of soft bottom, get some estuary mouth west side of Coal Oil Point also, study opportunities for UCSB.	None Specified
Goleta_Slough_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Carpinteria_Salt_Marsh_SMR_LAP_A_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	One of the most undamaged estuary systems, designated as a University of California Natural Reserve. Is habitat for myriad animal and plant species that are listed e.g. salt marsh bird's beak, migratory waterfowl, light-footed clapper rail, halibut, leopard sharks.	None Specified
Big_Sycamore_Canyon_SMR_LAP_A_2	None Specified	There is an existing MPA here, clean watershed, unpopulated, only stretch of really wild coast in southern California, it's a unique spot. A lot of sandy bottom and kelp.	Conforms to DFG feasibility guidelines. Currently there is a no-go area except for research that has been in place since 1994.
Malibu_East_SMR_LAP_A_1	None Specified	Over minimum size, it's an SMR, so it satisfies goals of acts and it leaves an area open nearby that has the same kind of habitat so there is the possibility to do side by side comparison research.	Minimizes socioeconomic impact and avoids an artificial reef. Also stays a distance away from the pier. Want to be at least just over 1/2 mile from Malibu pier so as not to interfere with activities/leaseholds there.
Portuguese_Bend_SMCA_LAP_A_1	None Specified	Puts in more robust protection than current protection (than at existing Abalone Cove SMP) and expands existing MPA.	None Specified
Point_Fermin_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Bolsa_Chica_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Upper Newport Bay_SMP_LAP_A_1	5761	South Mainland	Retain existing boundaries.	SMP	Mod-Low	Prohibits all recreational take except hook and line take of species other than kelp. Prohibits all commercial take.	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees.
Irvine_Coast_SMCA_LAP_A_2	5604	South Mainland	North: mean high tide line South: 1000 ft. offshore and following shoreline East: landmark - two rocks or Seal Rocks [at edge of Heisler Park SMR]* West: West tip of Robert E. Badam SMCA *NOTE: 03/11/09 - Eastern boundary was adjusted to Two Rocks Point/Seal Rocks, which was actually north of Heisler Park SMR, to remain consistent with the intent of the author.	SMCA	Mod-Low	Lobster: Traps / Pots: commercial, Urchin: Diving: commercial. All take is prohibited of intertidal species except commercial take of lobster, crab, urchin and Kellet's whelk	None Specified
Laguna_SMR_LAP_A_1	3909	South Mainland	North: mean high tide line South: State waters line East: landmark - Three Arches West: landmark - two rocks or Seal Rocks [at edge of Heisler Park SMR]* *NOTE: 03/11/09 - Northern boundary was adjusted to Two Rocks Point/Seal Rocks, which was actually north of Heisler Park SMR, to remain consistent with the intent of the author.	SMR	Very High	All take is prohibited	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Upper Newport Bay_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Irvine_Coast_SMCA_LAP_A_2	None Specified	Encompasses and would replace several existing MPAs. Meant to make those MPAs match more closely to DFG guidelines, and protect the intertidal areas.	Want to test the possibility of creating an intertidal MPA so that the intertidal is protected without having huge socioeconomic impacts (caused by extending to state waters line).
Laguna_SMR_LAP_A_1	None Specified	Encompasses virtually all habitat we're looking for, hard bottom, soft bottom, a lot of submerged kelp though little kelp canopy, meets SAT guidelines for habitat, out of G&O meets all but two of them, includes existing MPA.	<p>Important for lobster fishery but willing to sacrifice because of the important habitat. Half way between Newport Harbor and Dana Point Harbor so maximizes distance from ports (b/c very large # of users out of each port), economically will hurt lobsters, and some bait fishery, do fish it a lot but willing to give it up to meet guidelines.</p> <p>During the review process by Lapis, it was put forward that the intended SMR should be configured basically the same, but the western latitude boundary should be at 117d 48.2m and the eastern one at 117d 46.3m. This would avoid a major sewage outfall and significantly reduce negative socioeconomic impacts. Because this was a major change to the shape not put forward and discussed during the work session, the boundaries were left as noted originally.</p>

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Niguel_SMCA_LAP_A_1	5790	South Mainland	Change offshore extent of existing MPA to 1,000 ft offshore, same as Irvine_Coast_SMCA_LAP_A_2 and make western boundary flush with eastern boundary of Laguna_SMR_LAP_A_1.	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.	None Specified
Doheny_SMCA_LAP_A_1	5783	South Mainland	Retain existing boundaries.	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, and worms, and finfish. Commercial take is allowed	None Specified
Doheny Beach_SMCA_LAP_A_1	5781	South Mainland	Retain existing boundaries.	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.	None Specified
Agua_Hedionda_Lagoon_SMC A_A_1	5744	South Mainland	Flush with the Agua Hedionda Lagoon SMR at the northern end and extends out to lagoon mouth.	SMCA	Low	Fishing.	Power plant, desalinization plant, mariculture of shellfish, white seabass hatchery, yacht marina, water ski marina, YMCA dock.

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Niguel_SMCA_LAP_A_1	None Specified	Includes existing MPA with changes to offshore extent and western boundary.	None Specified
Doheny_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Doheny Beach_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Agua Hedionda Lagoon_SMC A_A_1	G1: (O-1,O-3,O-4), G2: (O-1,O-2,O-3,O-4), G3: (O-1), G4: (O-1,O-2), G5: (O-1,O-4), G6: (O-3,O-4)	A multiuse lagoon with a viable ecosystem, Carlsbad's chief marine asset. Existing tidewater gobi reserve in back bay.	Existing management paid for by the power plant and various authorities. In place funding and management for all potential DFG responsibilities except existing ones. Multiple uses impact blunted by the increased water flow of power plant intake. Somehow works and Carlsbad is proud of this lagoon. The entire lagoon is a complex of two MPAs; Agua Hedionda Lagoon SMCA and Agua Hedionda Lagoon SMR.

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Agua_Hedionda_Lagoon_SMR_A_1	5652	South Mainland	Back end of the lagoon to the existing buoy line. Boundary meant to be flush with adjoining SMCA.	SMR	Very High	All take is prohibited	None Specified
Batiquitos Lagoon_SMP_LAP_A_1	5785	South Mainland	Retain existing boundaries.	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.
Encinitas_SMCA_LAP_A_1	5768	South Mainland	Retain existing boundaries.	SMCA	Mod-Low	Prohibits all recreational take except finfish. Prohibits all commercial take except for finfish	None Specified
Cardiff-San Elijo_SMCA_LAP_A_1	5786	South Mainland	Retain existing boundaries.	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, and worms and finfish. Allows all commercial take.	None Specified
San Elijo Lagoon_SMP_LAP_A_1	5764	South Mainland	Retain existing boundaries.	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.
Del_Mar_SMR_LAP_A_1	3918	South Mainland	North: landmark - San Dieguito River mouth South: 32 56' East: mean high tide line West: state waters line	SMR	Very High	All take is prohibited	None Specified
San Dieguito Lagoon_SMR_LAP_A_1	5765	South Mainland	Retain existing boundaries.	SMR	Very High	All take is prohibited	Other restrictions exist regarding: boating, swimming, wading, diving, access to the California Least Tern island, hours of entry, and allowed management activities.
San Diego-Scripps_SMCA_LAP_A_1	5789	South Mainland	Retain existing boundaries.	SMCA	Mod-Low	Prohibits all recreational take except finfish. Prohibits all commercial take except finfish.	Allowances for scientific collection.
La Jolla_SMCA_LAP_A_1	5788	South Mainland	Retain existing boundaries.	SMCA	High	Prohibits all recreational take. Prohibits all commercial take except for squid for the purpose of bait by hand-held scoop net west of a line drawn due north from Goldfish Point.	Restrictions exist regarding: boat launching areas and anchoring times.

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Agua_Hedionda_Lagoon_SMR_A_1	None Specified	Expands existing Agua Hedionda Lagoon SMR to the existing buoy line at the request of the managing entity.	The entire lagoon is a complex of two MPAs; Agua Hedionda Lagoon SMCA and Agua Hedionda Lagoon SMR.
Batiquitos Lagoon_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Encinitas_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Cardiff-San Elijo_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
San Elijo Lagoon_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Del_Mar_SMR_LAP_A_1	G1: (O-1), G6: (O-4)	Good habitat, shallow rock with kelp, deep sand, deep rock, sand, very deep, full array of habitat, kelp canopy can get very large during summer, good coastal bottlenose dolphin habitat, some pinnacles.	Forms a complex with the two SMRs in adjoining estuaries.
San Dieguito Lagoon_SMR_LAP_A_1	None Specified	Includes existing MPA with increased protection.	None Specified
San Diego- Scripps_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
La Jolla_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified

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Famosa_Slough_SMR_LAP_A_1	5558	South Mainland	Mission Bay Channel within study region boundary. To extend to Famosa Slough once area is included in study region, and further north if the study region boundary is increased in that direction also.	SMR	Very High	All take is prohibited	None Specified
Mia J Tegner_SMCA_LAP_A_1	5787	South Mainland	Retain existing boundaries.	SMCA	Low	Prohibits all recreational take except finfish. Prohibits all commercial take except for finfish and marine aquatic plants.	None Specified
South_San_Diego_Bay_SMCA_LAP_A_1	3019	South Mainland	North: Diagonal line from Sweetwater Marsh entrance on east to north end of cove on west side of the bay South: study region boundary East: study region boundary West: study region boundary	SMCA	Mod-Low	All take is prohibited, hook and line catch and release only of any legal species [includes spotted bay bass, halibut, bone fish, croaker, corvina, yellowfin -some of most important to catch and release are sand bass, corvina, sharks, croaker]. Only single barbless hooks allowed.	None Specified
Catalina Marine Science Center_SMR_LAP_A_1	5748	East Channel Islands	Retain existing boundaries.	SMR	Very High	All take is prohibited	Restrictions exist regarding: anchoring or mooring vessels, and scientific collection.
Farnsworth_Bank_SMR_LAP_A_1	3957	East Channel Islands	Same boundaries as existing Farnsworth Bank SMCA.	SMR	Very High	All take is prohibited	None Specified
Avalon_Dive_Park_SMR_LAP_A_1	3959	East Channel Islands	North: landmark - kayak rental at Descanso Beach South: end of jetty East: out 300 feet following coastline West: mean high tide line (same footprint as existing underwater park)	SMR	Very High	All take is prohibited	No anchor zone.
Lover's Cove_SMR_LAP_A_1	5749	East Channel Islands	Retain existing boundaries.	SMR	Very High	All take is prohibited	None Specified
San Nicolas Pending Military Closure	5617	West Channel Islands	See MarineMap	Undesignated	Very High	All take is prohibited	No entry.
San Clemente Pending Military Closures 1	5615	East Channel Islands	See MarineMap	Undesignated	Very High	All take is prohibited	No entry.
San Clemente Pending Military Closures 2	5612	East Channel Islands	See MarineMap	Undesignated	Very High	All take is prohibited	No entry.
Richardson Rock_SMR	5559	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Judith Rock SMR	5570	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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Famosa_Slough_SMR_LAP_A_1	None Specified	Need to ensure long term protection, lots of birds use this area, as do juvenile fish.	None Specified
Mia J Tegner_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
South_San_Diego_Bay_SMCA_LAP_A_1	None Specified	Lots of eelgrass (80% of eelgrass in bay), Sweetwater Reserve, nature center, educational opportunities, south bay protected area, marsh at edge, leave salt flats alone, part of fish and wildlife reserve. Green turtles would benefit, intertidal mudflats, salt marsh on east side, two least tern preserves and two federal reserve area lots of shorebirds and pelagic birds.	Already some enforcement and harbor patrol is there. Just south of DoD interests so does not interfere, already 5 mph zone but needs more enforcement. Consider moving lines to not include harbors and harbor access.
Catalina Marine Science Center_SMR_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Farnsworth_Bank_SMR_LAP_A_1	None Specified	Purple coral is present, it's a nice area, and there is already an existing MPA (same footprint) but this would increase protection.	It will hurt the yellowtail and rockfish anglers. Also, current regulations are depth based.
Avalon_Dive_Park_SMR_LAP_A_1	None Specified	The area is currently a city underwater park (same footprint as the current park). It is a heavy non-consumptive use area, especially by divers, and would like to preserve it for this use.	People are used to the area being an underwater park, and there are already marker buoys in place.
Lover's Cove_SMR_LAP_A_1	None Specified	Includes existing MPA with increased protection.	None Specified
San Nicolas Pending Military Closure	None Specified	This is an APPROXIMATE polygon representing the Federal Closure at San Nicolas Island called Area Alpha	None Specified
San Clemente Pending Military Closures 1	None Specified	This is an APPROXIMATE polygon representing the Federal closure on San Clemente Island called SWAT-1	None Specified
San Clemente Pending Military Closures 2	None Specified	This is an APPROXIMATE polygon representing the Federal Closure located on the east side of San Clemente Island called SWAT-2.	None Specified
Richardson Rock_SMR	N/A	N/A	N/A
Judith Rock SMR	N/A	N/A	N/A

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Harris Point SMR	5560	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
South Point SMR	5569	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carrington Point SMR	5562	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Skunk Point SMR	5568	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Painted Cave SMCA	5563	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish	None Specified
Gull Island SMR	5561	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Scorpion SMR	5564	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Footprint SMR	5567	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Anacapa Island SMCA	5565	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish and the commercial take of spiny lobster.	None Specified
Anacapa Island SMR	5566	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Santa Barbara Island SMR	5571	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve
TBD = To be determined

Bioregions:

1. North Mainland (Point Conception to Marina Del Rey)
2. South Mainland (Marina del Rey to the U.S.-Mexico border)
3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands)
4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands)
5. East Channel Islands (Santa Catalina and San Clemente islands)

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Harris Point SMR	N/A	N/A	N/A
South Point SMR	N/A	N/A	N/A
Carrington Point SMR	N/A	N/A	N/A
Skunk Point SMR	N/A	N/A	N/A
Painted Cave SMCA	N/A	N/A	N/A
Gull Island SMR	N/A	N/A	N/A
Scorpion SMR	N/A	N/A	N/A
Footprint SMR	N/A	N/A	N/A
Anacapa Island SMCA	N/A	N/A	N/A
Anacapa Island SMR	N/A	N/A	N/A
Santa Barbara Island SMR	N/A	N/A	N/A

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MLPA Study Region: South Coast
Name: Lapis_B_Round 1_090311
Author: Lapis Work Group
Revised: March 18, 2009

Total number of MPAs/closures: 57
 Number of SMRs: 34
 Number of SMCAs: 13
 Number of SMPs: 7
 Number of Military Closures: 3

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Point_Conception_SMR_LA P_B_1	2960	North Mainland	North: mean high tide line South: state waters line East: Gato, use 120 22' West: landmark - lighthouse	SMR	Very High	All take is prohibited	None Specified
Refugio_SMCA_LAP_B_1	5779	North Mainland	Retains existing boundaries.	SMCA	Low	Prohibits all recreational take except for chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, worms and finfish. Prohibits all commercial take except for algae (except giant kelp and bull kelp); crabs, ghost shrimp, jackknife clams, sea urchins, worms and finfish.	None Specified
Naples_Coal_Oil_Point_SM R_LAP_B_1	5542	North Mainland	North: mean high tide line South: state waters line East: 119 53' West: 119 58'	SMR	Very High	All take is prohibited	None Specified
UCSB_SMCA_LAP_B_1	5541	North Mainland	North: mean high tide line South: state waters line East: 119 50' West: 119 53'	SMCA	Low	Lobster: Traps / Pots: commercial, Lobster: Diving: recreational, Urchin: Diving: commercial, Pacific Bonito: Spear: recreational, White Seabass: Spear: recreational. Also, commercial take of kelp (respecting existing lease) and crabs. Recreational diving (spear) for pelagic finfish, yellowtail. Recreational diving, hand take of lobsters. (No hoop or other nets, no traps.)	None Specified

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Point_Conception_SMR_LAP_B_1	None Specified	Rocky habitat, Upwelling, Rocky bottom and kelp beds, Oil seeps (probably 2nd largest area of seeps on the coast), One of the largest squid spawning areas is in Coho Bay, Surfgrass, Sandy beaches, Birds roost on the cliffs	Important eastern boundary at Gato - if go any further east then really starts to affect the sportfishing fleet and would have a large socioeconomic impact. Relatively non-controversial area and would be a strong player in an array of MPAs. Current runs back to islands from here so there's not a lot of connectivity to MPAs north of here.
Refugio_SMCA_LAP_B_1	None Specified	Maintains existing MPA.	Want to keep Isthmus Reef out of the reserve because it's similar to offshore rocks in the reserve so offers an opportunity for comparison study. Don't move line west because lots of boat traffic into Two Harbors. So areas out from there are heavily used
Naples_Coal_Oil_Point_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-3,O-4,O-5), G6: (O-3,O-4)	Multiple Key habitats including shallow and deep reefs and sandy bottom, kelp, surf grass, oil seeps, 3 protected estuary mouths, Chumash cultural sites, wind driven upwelling, UCSB directly onshore for monitoring, study and help in enforcement, excellent public access, surfing, kayaks and swimming.	None Specified
UCSB_SMCA_LAP_B_1	G1: (O-1,O-2,O-3), G2: (O-1,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-3,O-4)	UCSB continuation of Naples_Coal_Oil_Point_SMR_LAP_B_1 but allowing take of lobster, crab, kelp and urchins for comparison and in recognition of existing kelp lease	Design recognizes existing kelp lease and importance of local lobster and urchin harvest. Connects estuaries and allows MPA scientific comparison with clustered SMR.

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Goleta_Slough_SMR_LAP_B_1	5752	North Mainland	Retains existing boundaries.	SMR	Very High	All take is prohibited	None Specified
Carpenteria_SMR_LAP_B_3	5544	North Mainland	North: mean high tide line South: state waters line East: 119 28' West: 119 33'	SMR	Very High	All take is prohibited	None Specified
Carpinteria_Salt_Marsh_SMR_LAP_B_1	5754	North Mainland	None Specified	SMR	Very High	All take is prohibited	None Specified
Mugu_SMCA_LAP_B_1	5522	North Mainland	North: mean high tide line South: state waters line East: 119 03' West: 119 06'	SMCA	Mod-Low	Commercial and recreational surface take with hook and line of pelagic finfish, and bonito.	None Specified
Mugu_Lagoon_SMR_LAP_B_1	5755	North Mainland	All of Mugu Lagoon within study region boundary	SMR	Very High	All take is prohibited	None Specified
Big_Sycamore_Canyon_SMR_LAP_B_1	5780	North Mainland	Retains existing boundaries.	SMR	Very High	All take is prohibited	Swimming, wading, diving, or using any diving equipment are prohibited (exceptions apply). Other restrictions exist regarding: boating, firearms, public entry, pesticides/herbicides, litter, aircraft, pets and scientific collection.

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Goleta_Slough_SMR_LAP_B_1	None Specified	Included existing MPA, increases protection.	None Specified
Carpenteria_SMR_LAP_B_3	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Rocky reefs, Kelp, surf grass, Native American submerged sites and maritime heritage sites, world class heritage surf spot, cobble reef at Rincon, Carpenteria estuary mouth, multiple habitats, soft and hard bottom, oil seeps	Provides connectivity to south and islands, retention zones and guarantees forage for migratory and local birds and other marine life.
Carpinteria_Salt_Marsh_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	One of the most undamaged estuary systems, designated as a University of California Natural Reserve. Is habitat for myriad animal and plant species that listed e.g. salt marsh bird's beak, migratory waterfowl, light-footed clapper rail, halibut, leopard sharks.	None Specified
Mugu_SMCA_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-3,O-4)	Clean watershed, unpopulated, unique wild coast in southern California, with sandy bottom biota at all key habitat depths, submarine canyon, upwelling, shipwreck, grunion spawning, captures Mugu lagoon and salt marsh, far from ports, little economic impact. The ASBS that covers Malibu starts at Mugu Harbor seal rookery and haulout. The encompassed submarine canyon extends closer to shore than any other in study region. Includes portions of rockfish conservation area. Incorporated Mugu Lagoon mouth.	Allows for some pelagic trolling take while still protecting estuary-marine connection and soft bottom offshore. Allows for military area on west boundary.
Mugu_Lagoon_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	The largest estuarine lagoon in SoCal. High concentration of birds and bird species, marine and estuarine fish.	None Specified
Big_Sycamore_Canyon_SMR_LAP_B_1	None Specified	Maintains existing MPA.	None Specified

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Point_Dume_SMR_LAP_B_1	5524	North Mainland	North: mean high tide line South: state waters line East: 118 47', in upper northeast corner diagonal line is to avoid pier (flush with adjoining SMCA) West: 118 51'	SMR	Very High	All take is prohibited	None Specified
Malibu_SMCA_LAP_B_1	5523	North Mainland	North: mean high tide line South: state waters line East: West: 118 47', in upper northeast corner diagonal line is to capture pier (flush with adjoining SMR)	SMCA	Low	Lobster: Diving: recreational, Urchin: Diving: commercial, Urchin: Diving: recreational. All recreational fishing and diving from shore or man-powered craft. No night lights, hoop nets or traps. Clarifying comments added during review period: Commercial hand harvest of urchins only. Recreational hand harvest diving for lobster only. All recreational spear fishing shore-based or utilizing non-motorized craft, All hook-and-line for pelagic finfish, bonito and white seabass >30m depth.	None Specified
Malibu_Creek_Estuary_SMR_LAP_B_1	5756	North Mainland	All of Malibu Creek Lagoon within study region boundary.	SMR	Very High	All take is prohibited	None Specified
Palos_Verdes_SMR_LAP_B_2	5636	South Mainland	North: 33 49' South: 33 46' East: mean high tide line West: state waters line	SMR	Very High	All take is prohibited	None Specified

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Point_Dume_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	All key habitats at multiple depths to 500 meters, hard bottom, shallow and deep to 460 meters, and soft, sandy to 500 meters with rocky intertidal and subtidal, good wind pressure average for upwelling, strong nutrient upwelling at submarine canyon, kelp, surfgrass, seal haul out, whale scratch zone, bird nesting on cliffs; retention areas on both sides of point, good biodiversity, good water clarity, quality, far from nearest port, recreational opportunities, access/ launch sites for ecotours, diving, surfing, swimming, kayaks; protects excellent primary and secondary forage production and retention of phytoplankton, algae, spawning and juvenile habitat for invertebrates, anchovies, squid etc forage base for likely to benefit species	None Specified
Malibu_SMCA_LAP_B_1	G1: (O-1,O-2,O-4,O-5), G2: (O-1,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Sector of Santa Monica Bay cluster devoted to marine conservation, recreation, and recreational fishing and diving from shore or man-powered water craft only. Protects forage species that support estuary bird population and other species. Native American and surfing cultural heritage sites, 9 Key and unique habitats, estuary, fresh water plumes, Steelhead spawn at Malibu creek, large rare cobble reef cove, good public access state parks on shore, Pepperdine University overlook for scientific monitoring and study, close proximity for LA's 15 million Malibu visitors a year.	Long distance from ports, minimum socioeconomic impacts on fishery and maximum benefits to tourism.
Malibu_Creek_Estuary_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-5), G6: (O-3,O-4)	Estuary at Malibu Creek, a historic steelhead spawning, cobble creek which provides the stones for the offshore cobble reef at Malibu Surfing Point.	Estuary subject to extensive cleanup and restoration.
Palos_Verdes_SMR_LAP_B_2	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	This SMR captures high quality representatives of most of the key habitats present in the south mainland bioregion, including deep submarine-canyon and hard-bottom habitat and surfgrass beds. The area acts as a larval source and sink, nursery and aggregating area for a wide variety of marine life from lobster to white seabass to dolphins. It is connected via currents to Catalina and the North Mainland Bioregion.	In addition, shape takes into account existing closure to most types of commercial fishing in Santa Monica Bay (Fishing Block 19A) and is an attempt at limiting economic losses to commercial lobster industry. Also avoids the most heavily contaminated sediment around Whites Point outfall. Finally, includes several PISCO, CRANE and ReefCheck monitoring sites, enhancing the monitoring potential for proposed MPA. Is a complex with PV_Question_SMR_LAP_B_3.

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Palos_Verdes_SMCA_LAP_B_3	5637	South Mainland	North: 33 46' South: 33 44' East: mean high tide line West: state waters line	SMCA	Mod-Low	Lobster: Traps / Pots: commercial. Lobster: Hoop Net: recreational, Lobster: Diving: recreational. Would allow lobster (except in areas where it's already closed for lobster) and Crab commercial and probably urchins.	None Specified
Point_Fermin_SMP_LAP_B_1	5760	South Mainland	Retains existing boundaries.	SMP	Mod-Low	Prohibits all recreational take except finfish and lobster only. Prohibits all commercial take.	None Specified
Bolsa_Chica_SMP_LAP_B_1	5758	South Mainland	Retains existing boundaries.	SMP	Mod-Low	Prohibits take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: time of entry, accessible areas and allowed management activities.
Newport_Beach_SMCA_LAP_B_1	5555	South Mainland	North: mean high tide line South: 1 mile out from coast East: 117 52' West: 117 56'	SMCA	Mod-Low	All take is prohibited from the intertidal. Commercial take of lobster, crab, urchin and Kellet's weik from the subtidal	None Specified
Upper_Newport_Bay_SMR_LAP_B_1	5762	South Mainland	Retains existing boundaries.	SMR	Very High	All take is prohibited	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees.
Crystal_Cove_SMP_LAP_B_1	5638	South Mainland	North: mean high tide line South: state waters line East: 117 49' West: 117 52' Same as terrestrial state park boundaries and flush with Newport_Beach_SMCA_LAP_B_1 on west side.	SMP	Mod-Low	Boat based catch and release recreation. Shore based spearfishing, hand take of lobster and urchins. No traps or nets.	None Specified

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Palos_Verdes_SMCA_LAP_B_3	G1: (O-1,O-2,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Second best reef structure on PV. Long term monitoring sites, would allow for comparison between habitats here and at the other MPA in this complex. Includes a kelp restoration site.	Is a complex with PV_Question_SMR_LAP_B_2. Hopes to minimize economic impact to shore-based fishermen by closing an area that is harder to access from the shore. This area also avoids the most heavily contaminated sediment from the Whites Point outfall.
Point_Fermin_SMP_LAP_B_1	None Specified	Maintains existing MPA.	None Specified
Bolsa_Chica_SMP_LAP_B_1	None Specified	Maintains existing MPA.	None Specified
Newport_Beach_SMCA_LAP_B_1	G1: (O-1,O-3,O-4,O-5), G2: (O-4), G3: (O-1), G4: (O-1), G5: (O-1,O-4,O-5), G6: (O-3,O-4)	Intertidal protection of invertebrates, connectivity to Newport Bay, low socioeconomic impacts while protecting vital habitat and expanding existing MPA (Robert E Badham) to meet DFG and science guidelines.	Existing enforcement, education and outreach for the intertidal zone. Part of cluster (Newport_Beach_SMCA_LAP_B_1, Crystal_Cove_SMP_LAP_B_1, Laguna_Dana_Point_SMR_LAP_B_1, Dana_Point_SMCA_LAP_B_1)
Upper_Newport_Bay_SMR_LAP_B_1	None Specified	Included existing MPA, increases protection.	None Specified
Crystal_Cove_SMP_LAP_B_1	G1: (O-1,O-2,O-4,O-5), G2: (O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Replaces existing MPA fronting Crystal Cove State Park, currently a State designated Underwater Park. Multiple key habitats and high recreational use, both intrinsic and consumptive.	SMP devoted to compatible recreational activities, ideal for scientific comparison to SMCA at Dana Point and Laguna SMR. Adjacent to terrestrial State Park with existing enforcement, education and public outreach mechanisms. Part of cluster (Newport_Beach_SMCA_LAP_B_1, Crystal_Cove_SMP_LAP_B_1, Laguna_Dana_Point_SMR_LAP_B_1, Dana_Point_SMCA_LAP_B_1)

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Laguna_Dana_Point_SMR_LAP_B_1	5639	South Mainland	North: 117 49' South: landmark - Dana Point East: mean high tide line West: state waters line	SMR	Very High	All take is prohibited	None Specified
Dana_Point_SMCA_LAP_B_1	5640	South Mainland	North: landmark - Dana Point (flush with Laguna_Dana_Point_SMR_LAP_B_1), mean high tide line South: state waters line East: west end of jetty West: state waters line	SMCA	Mod-Low	Lobster: Traps / Pots: commercial Pelagic Finfish: Spear: recreational, Urchin: Diving: commercial. Recreational pelagic finfish (hook and line and spear >50m). Shoreline fishing and intertidal take prohibited. (Senate bill 716)	None Specified
Doheny_SMCA_LAP_B_1	5784	South Mainland	Retains existing boundaries.	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, and worms, and finfish. <u>Commercial take is allowec</u>	None Specified
Doheny_Beach_SMCA_LAP_B_1	5782	South Mainland	Retains existing boundaries.	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.	None Specified

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Laguna_Dana_Point_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-4)	Coast shoreline protection, multiple key rocky and sandy intertidal, subtidal and parallel offshore reef habitats, kelp, surf grass; three geologic formations create a series of coves and bays with sandy beaches and rocky-reef headlands unique in SC region. Eight existing MPAs and management regimes will be encompassed in cluster anchored by reserve.	Great shoreline access, city dependent on year round beach tourism, located between two small boat harbors, historic heavy recreational use by divers, shore fishers, private boats, both consumptive and non, surfers and swimmers. Current county-wide cooperation in enforcement, education and public outreach mechanisms. Part of cluster (Newport_Beach_SMCA_LAP_B_1, Crystal_Cove_SMP_LAP_B_1, Laguna_Dana_Point_SMR_LAP_B_1, Dana_Point_SMCA_LAP_B_1)
Dana_Point_SMCA_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Rocky shoreline/intertidal and subtidal with deep reef and headland, persistent kelp and surf grass, the best reef/depth habitat combination between two long sandy stretches southward to Carlsbad and north to Palos Verdes. Wind-sheer upwelling, larvae retention on both sides of the point maintain biomass and bio-diversity, historic great fishing.	Nearness to Dana Point harbor, existing monitoring and enforcement, importance of allowed lobster and urchin fisheries, edge spillover from reserve, opportunities for scientific study, importance to tourism economy of local cities. Part of cluster (Newport_Beach_SMCA_LAP_B_1, Crystal_Cove_SMP_LAP_B_1, Laguna_Dana_Point_SMR_LAP_B_1, Dana_Point_SMCA_LAP_B_1)
Doheny_SMCA_LAP_B_1	None Specified	Maintains existing MPA.	None Specified
Doheny_Beach_SMCA_LAP_B_1	None Specified	Maintains existing MPA.	None Specified

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San_Clemente_San_Onofre_SMP_LAP_B_1	5553	South Mainland	Very rough boundaries North: San Clemente State Park South: San Onofre Creek wetland/lagoon (03/11/09 - Boundary was modified in MarineMap to be consistent with the stated south boundary and to come run south from wetland/lagoon out 1,000 feet) East: mean high tide line West: Tried to anchor on lat/long lines but these were not super accurate/exact. Trying to hit about 1,000 feet offshore.	SMP	Mod-Low	Lobster: Diving: recreational, Urchin: Diving: recreational. Hand take of legal lobster and urchins. No traps or nets.	None Specified
Agua_Hedionda_Lagoon_SMCA_LAP_B_1	5745	South Mainland	Flush with the Agua Hedionda Lagoon SMR at the northern end and extends out to lagoon mouth.	SMCA	Low	Fishing	Power plant, desalinization plant, mariculture of shellfish, and Hubbs white seabass hatchery, yacht marina, water ski marina, YMCA dock.
Agua_Hedionda_Lagoon_SMR_LAP_B_1	5651	South Mainland	Back end of the lagoon to the existing buoy line. Boundary meant to be flush with adjoining SMCA.	SMR	Very High	All take is prohibited	None Specified
Ponto_Batequitos_Estuary_SMP_LAP_B_1	5646	South Mainland	North: 33 06' South: 33 03' East: mean high tide line West: state waters line	SMP	Mod-Low	Recreational hand take of lobster, legal slot size (commercial regs), no traps or nets. Shore hook and line fin-fishing. Dive spearing of pelagic finfish. Recreational fishing for pelagic finfish. All take is prohibited of invertebrates.	None Specified
Batequitos_Lagoon_SMP_LAP_B_1	5648	South Mainland	All of Batequitos Lagoon within study region boundary.	SMP	Mod-Low	Recreational take of finfish allowed.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.

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San_Clemente_San_Onofre_SMP_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-3,O-4)	Rare 2.4 mile long inter and subtidal Cobble reef at the confluence of pristine watersheds San Mateo (steelhead spawning) and San Onofre Creeks. 2 small wetland lagoons, artificial reef, extensive kelp, surfgrass, San Clemente Rocks, surfing heritage and NA heritage sites, State parks lining shore. State parks designated future underwater park. 1.2 million visits a year, excellent public access, camping.	Links San Clemente and San Onofre State Parks, management in place. Conforms to DOD requirements for Camp Pendleton inclusion. Only US mainland site of World Championship Tour professional surfing. Ten great surf spots.
Agua_Hedionda_Lagoon_SMCA_LAP_B_1	G1: (O-1,O-3,O-4), G2: (O-1,O-2,O-3,O-4), G3: (O-1), G4: (O-1,O-2), G5: (O-1,O-4), G6: (O-3,O-4)	A multiuse lagoon with a viable ecosystem, Carlsbad's chief marine asset. Existing tidewater gobi reserve in back bay.	Existing management paid for by the power plant and various authorities. In place funding and management for all potential DFG responsibilities except existing ones. Multiple uses impact blunted by the increased water flow of power plant intake. Somehow works and Carlsbad is proud of this lagoon. The entire lagoon is a complex of two MPAs; Agua Hedionda Lagoon SMCA and Agua Hedionda Lagoon SMR.
Agua_Hedionda_Lagoon_SMR_LAP_B_1	None Specified	Expands existing Agua Hedionda Lagoon SMR to the existing buoy line at the request of the managing entity.	The entire lagoon is a complex of two MPAs; Agua Hedionda Lagoon SMCA and Agua Hedionda Lagoon SMR.
Ponto_Batequitos_Estuary_SMP_LAP_B_1	G1: (O-1,O-2,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	SMP dedicated to recreational non and consumptive use by residents and visitors, complementary to the adjacent SMR at Swamis, with the same 7 Key and Unique habitats, including kelp, surf grass, fresh water plumes and grunion spawning, water quality. Habitats less concentrated, less rocky relief than SMR. Ideal for deliver of SMR spillover to rec fishermen and divers. Fronts the mouth of Batequitos Lagoon SMP and Ponto State park beaches.	Comparative cluster study opportunity with SMR to south an SMCA south of reserve with contrasting fishing regs. Provides connectivity of lagoons and some protection of species that use them, as well as the offshore inhabitants; guarantees local forage of small pelagics for estuary birds and other dependent species. State Park adjacent, camping, excellent public access. Palomar and Mira Costa Colleges near as well as UCSD, Scripps Institute of Oceanography.
Batequitos_Lagoon_SMP_LAP_B_1	G1: (O-1,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-3,O-4)	Existing SMP to remain, boundary extended to ocean. Adjacent to terrestrial state park. Permanent opening to sea, lots of birds.	Foundation management in place.

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Swamis_San Elijo_SMR_LAP_B_1	5645	South Mainland	North: 33 03' South: 33 00' East: mean high tide line West: state waters line	SMR	Very High	All take is prohibited	None Specified
San_Elijo_Lagoon_SMP_LA P_B_1	5649	South Mainland	All of San Elijo Lagoon within study region boundary	SMP	Mod-Low	Recreational take of finfish allowed.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.
San_Dieguito_SMCA_LAP_ B_1	5647	South Mainland	North: 33 00' South: 32 58' East: mean high tide line West: state waters line	SMCA	Mod-Low	Lobster: Traps / Pots: commercial Urchin: Diving: commercial	None Specified
San_Dieguito_River_Park_ SMR_LAP_B_1	5650	South Mainland	All of Dieguito Lagoon within study region boundary	SMR	Very High	All take is prohibited	None Specified

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Swamis_San Elijo_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	SMR element of North San Diego County cluster providing biological connection between the permanently open outlets of three healthiest estuaries, the existing San Dieguito River SMP, San Elijo Lagoon SMP, and Batequitos Lagoon SMP; SMR includes two existing ocean SMCA's at Encinitas and San Elijo fronting state parks and a large campground. Included are three large persistent kelp forests and extensive surf grass beds between kelp and shore in both sub and intertidal zones; several Key habitats, including shallow and deep rocky reef, sandy intertidal to 200 meters, grunion spawning and some rocky intertidal shoreline, with good water quality. There are multiple public access points and a dozen great surf spots, Native American submerged cultural sites, large parking lots serving Beach tourism based local economies including retail surf shops and manufacturing, restaurants and hotels, all close to UCSD, Palomar and Mira Costa colleges.	Concieved of as a cluster of MPAs, with the SMR replacing two existing SMCAs between San Elijo Lagoon mouth (Cardiff) and D Street in Encinitas, a contiguous reef and kelp forest, with best San Diego surfgrass habitat. Simple regulations in complementary adjacent SMP and SMCA. The rocky reef habitat in North San Diego county does not have the vertical relief of the study areas finest, is less biodiverse and requires a larger area to capture species for a lifecycle, but has extensive surf grass beds, important for all larvae retention, protection and growth, and favored lobster habitat. The sandy areas at the lagoon mouths were historically productive halibut fishing grounds. Water quality is very good as no ports, big cities or industrial pollution. The coastal cities depend economically on coastal tourism and local suburban coastal beach access and use.
San_Elijo_Lagoon_SMP_LAP_B_1	G1: (O-1,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-3,O-4)	Existing estuary SMP to remain as is, extending to ocean at permanent opening.	Lagoon foundation does maintenance and enforcement, outreach and education. Visitors center, trails, signs. Adjacent state park.
San_Dieguito_SMCA_LAP_B_1	G1: (O-1,O-2,O-3,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	This SMCA encompasses 8 key habitats and a lagoon mouth with fresh water plume, with rocky habitats from 0 to 200 meters and sandy to 330 meters, persistent kelp and surf grass. Part of the North County lagoon/kelp/surf grass cluster, it provides protection for grunion, invertebrates, reef fish and species that use the lagoon, while allowing some fishing of commercial lobster and urchins.	Provides local protection for small coastal pelagics, critical storage for birds and other local and San Dieguito SMR estuary species. Easy enforcement.
San_Dieguito_River_Park_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-3,O-4)	Existing SMP, a restoration of the San Dieguito River Park estuary as mitigation for the San Onofre Nuclear Power plant. To be designated a SMR. 151 acres of lagoon and estuary, 75 acres wetlands and watershed.	Existing administration and finance for maintenance and research for 40 more years, to be made permanent with a trust fund. San Diego River Park directors voted for SMR designation February 16, 2009.

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La_Jolla_SMR_LAP_B_1	5644	South Mainland	North: 32 54' South: 32 48' East: mean high tide line West: state waters line	SMR	Very High	All take is prohibited	None Specified
La_Jolla_SMR_LAP_B_1 (continued)	5644						
South_San_Diego_Bay_SMR_LAP_B_1	5643	South Mainland	North: Diagonal line from Sweetwater Marsh entrance on east to north end of cove on west side of the bay South: study region boundary East: study region boundary West: study region boundary	SMR	Very High	All take is prohibited	None Specified
Tijuana_SMR_LAP_B_1	5641	South Mainland	North: 32 34' South: state waters line East: mean high tide line West: state waters line	SMR	Very High	All take is prohibited	None Specified

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La_Jolla_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	La Jolla Cove is #1 recreational non-consumptive tourist destination in study area, serving millions of divers, kayaks, surfers, swimmers, paddlers, direct small boat launch, & shoreline observation with dozens of direct shore access points along proposed SMR. Rocky reef from intertidal to 100 m is largest & most biodiverse in study region with most vertical relief. Ten key habitats including deep sub-marine canyon with two branches, 1 with hard and 1 soft bottomed; upwelling canyon nutrients form food web base, attracting pelagics small & large. There is a shift in the sand literal at La Jolla Canyon north/south line, from fine to coarse, with shift in biota. Sheltered N cove is leopard shark & squid spawning & rearing area. Soft fine-grained intertidal & subtidal flats to north of cove complement rocky reef with an historic host of soft bottom species. Important Native American ceremonial sites dot Cove.	This is a non-consumptive tourist mecca dependent on a vibrant nearshore marine ecosystem. Scripps Institute of Oceanography and UCSD overlook most of the SMR and can both monitor, study and help enforce the simple regulations. A complete contiguous rocky reef habitat SMR, isolated by spacious sandy terrain is required in the MPA network coastal array to provide valid 3-way performance study comparison with an entirely fished contiguous rocky reef, and/or MPA-divided, partially-fished contiguous rocky reefs like those on the islands. Ease of enforcement/compliance is optimal in undivided-habitat, geographically-distinct MPA.
La_Jolla_SMR_LAP_B_1 (continued)		Windansea's surf heritage rocky reef breaks, with Blacks & Shores on soft bottom, second the list of submerged cultural resources. Marine ecosystem unmatched for beauty, clarity, water quality & biologic diversity, with thriving local onshore economy historically focused on tourism.	
South_San_Diego_Bay_SMR_LAP_B_1	None Specified	Lots of eelgrass (80% of eelgrass in bay), Sweetwater Reserve, nature center, educational stuff, south bay protected area, marsh at edge, leave salt flats alone, part of fish and wildlife reserve. Green turtles would benefit, intertidal mudflats, salt marsh on east side, two least tern preserves and two federal reserve areas, lots of shorebirds and pelagic birds. Already some enforcement and harbor patrol is there.	Just south of DoD interests, already 5 mph zone but needs more enforcement. Consider moving lines to not include harbors and harbor access.
Tijuana_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-3), G3: (O-1,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-3,O-4)	Largest south coast region offshore cobble reef 3 by 3 km, persistent kelp bed, surf grass, surfing heritage site, furthest south larvae deposit and retention center for unique species from Mexican waters, northerly longshore current, start of south mainland bioregion which extends to Palos Verdes; mouth of important Tijuana River estuary reserves, with bird sanctuary, endangered species, freshwater plume; five key habitats included in SMR. Furthest from San Diego Harbor and meets the southern CA-Mexico boundary.	None Specified

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Blue_Cavern_SMR_LAP_B_1	5592	East Channel Islands	North: state waters line South: mean high tide line East: landmark - Blue Cavern Point West: south side of Fisherman Cove and diagonally to buoy and straight north to state waters line from the buoy (Trying to avoid Isthmus Reef and still capture Ship Rock)	SMR	Very High	All take is prohibited	None Specified
Farnsworth_Bank_SMR_LAP_B_2	5594	East Channel Islands	North: 33 22' South: possibly China Point? East: mean high tide line West: state waters line	SMR	Very High	All take is prohibited	None Specified
Avalon_Dive_Park_SMR_LAP_B_1	5653	East Channel Islands	North: landmark - kayak rental at Descanso Beach South: end of jetty East: out 300 feet following coastline West: mean high tide line (same footprint as existing underwater park)	SMR	Very High	All take is prohibited	No anchor zone.
Lover's Cove_SMR_LAP_B_1	5750	East Channel Islands	Retains existing boundaries.	SMR	Very High	All take is prohibited	None Specified
Begg_Rock_SMR_LAP_B_1	5619	West Channel Islands	All state waters around Begg Rock.	SMR	Very High	All take is prohibited	None Specified
San Nicolas Pending Military Closure	5618	West Channel Islands	See MarineMap	Undesignated	Very High	All take is prohibited, no entry	None Specified
San Clemente Pending Military Closures 1	5616	East Channel Islands	See MarineMap	Undesignated	Very High	All take is prohibited, no entry	None Specified
San Clemente Pending Military Closures 2	5614	East Channel Islands	See MarineMap	Undesignated	Very High	All take is prohibited, no entry	None Specified
Richardson Rock_SMR	5572	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Blue_Cavern_SMR_LAP_B_1	None Specified	Warmer water habitat on the partly sheltered part of island. Captures Ship Rock which is unique because it is farther offshore than other rocks and has a very diverse profile in the water and is, therefore, important for many different species. There is also persistent kelp. Expands and existing MPA. Ship Rock - most unique offshore rock, more productive, less sediment ocean water, high relief rocky slopes to sandy bottom only place where find many different species, premier destination for divers and underwater photographers, and there is a shipwreck there.	Want to keep Isthmus Reef out of the reserve because it's similar to offshore rocks in the reserve so offers an opportunity for comparison study. Don't move line west because lots of boat traffic into Two Harbors. So areas out from there are heavily used by these folks and this reserve would detrimentally affect them and increase congestion out of Two Harbors in the still open areas.
Farnsworth_Bank_SMR_LAP_B_2	None Specified	Pinniped populations, seabirds, and purple coral is present. Includes Ben Weston, and sandy bottom habitat.	Trying to meet SAT size guidelines. All around Catalina is important for lobster and CPFV. Concern about extending MPAs out to 3 mile zone because people fish all around island so hard to have areas that you can't traverse with your gear in the water. Need to leave corridor for them.
Avalon_Dive_Park_SMR_LAP_B_1	None Specified	The area is currently a city underwater park (same footprint as the current park). It is a heavy non-consumptive use area, especially by divers, and would like to preserve it for this use.	People are used to the area being an underwater park, and there are already marker buoys in place.
Lover's Cove_SMR_LAP_B_1	None Specified	Included existing MPA, increases protection.	None Specified
Begg_Rock_SMR_LAP_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	A unique portion of west islands bioregion due to its southwesterly position exposed to cold California current from north and lesser warm-water influences from SoCal Eddy. An offshore pinnacle with steep ridges, deep water soft and hard bottom habitat. Purple hydrocoral population. Entire rock is surrounded by an ASBS and is already part of the California Coastal National Monument.	None Specified
San Nicolas Pending Military Closure	None Specified	This is an APPROXIMATE polygon representing the Federal Closure at San Nicolas Island called Area Alpha	None Specified
San Clemente Pending Military Closures 1	None Specified	This is an APPROXIMATE polygon representing the Federal closure on San Clemente Island called SWAT-1	None Specified
San Clemente Pending Military Closures 2	None Specified	This is an APPROXIMATE polygon representing the Federal Closure located on the east side of San Clemente Island called SWAT-2.	None Specified
Richardson Rock_SMR	N/A	N/A	N/A

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Judith Rock SMR	5583	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Harris Point SMR	5573	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
South Point SMR	5582	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carrington Point SMR	5575	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Skunk Point SMR	5581	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Painted Cave SMCA	5576	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish.	None Specified
Gull Island SMR	5574	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Scorpion SMR	5577	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Footprint SMR	5580	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Anacapa Island SMCA	5578	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish and the commercial take of spiny lobster.	None Specified
Anacapa Island SMR	5579	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Santa Barbara Island SMR	5584	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve
TBD = To be determined

Bioregions:

1. North Mainland (Point Conception to Marina Del Rey)
2. South Mainland (Marina del Rey to the U.S.-Mexico border)
3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands)
4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands)
5. East Channel Islands (Santa Catalina and San Clemente islands)

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Judith Rock SMR	N/A	N/A	N/A
Harris Point SMR	N/A	N/A	N/A
South Point SMR	N/A	N/A	N/A
Carrington Point SMR	N/A	N/A	N/A
Skunk Point SMR	N/A	N/A	N/A
Painted Cave SMCA	N/A	N/A	N/A
Gull Island SMR	N/A	N/A	N/A
Scorpion SMR	N/A	N/A	N/A
Footprint SMR	N/A	N/A	N/A
Anacapa Island SMCA	N/A	N/A	N/A
Anacapa Island SMR	N/A	N/A	N/A
Santa Barbara Island SMR	N/A	N/A	N/A

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MLPA Study Region: South Coast
Name: Opal_A_Round 1_090311
Author: Opal Work Group
Revised: March 18, 2009

Total number of MPAs/closures: 48
 Number of SMRs: 24
 Number of SMCAs: 15
 Number of SMPs: 6
 Number of Military Closures: 3

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
UCSB_SMR_OPA_A_1	5290	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Goleta Slough_SMP_OPA_A_1	5868	North Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except for hook and line take of species other than marine aquatic plants. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist on accessible areas.
Point Mugu Sycamore_SMCA_OPA_A_1	5293	North Mainland	See MarineMap	SMCA	High	Allows commercial take of coastal pelagic species by seine and lampara net. The historical commercially important harvest here is for Sardine and Anchovie.	None Specified
Big Sycamore SMR OPA_A_1	5296	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Point Mugu Estuary_SMR_OPA_A_1	2988	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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UCSB_SMR_OPA_A_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Wide variety of habitat including the preponderance of the unique oil seeps in the Biogeographic region are covered in the MPA. UCSB campus provide multiple educational and research opportunities. Multiple species inhabit this area and entrances to estuary environments are covered by this MPA. This SMR has very high goal 3 value in that it would allow educational access to areas unimpacted by shore picking within a few minutes walk from the campus. Enforcement could be facilitated by docent groups much in the same way as the western snow plover nesting area within this proposal has been.	This MPA above all others has high educational value. Even though the economic impact of this area is high it's existence would allow for continued fisheries access to other more important areas such as Naples, Elwood, Santa Barbara 1 mile and Carpenteria. Connectivity to the Central Coast network is afforded by this location. There is a high level of consensus among fishing families as to the greater preservation value than fishing value here. This is despite the exceptionally high socio-economic costs involved. Of the many impacted fishers there is one local commercial lobster fisherman that is not in agreement in this regard. There is also a local kelp harvester that can not support any closure in this area. This area includes a kelp bed leased by Ben Beede (only leased bed in study region). Stops short of kayak launch area on east side.
Goleta Slough_SMP_OPA_A_1	None Specified	Protects estuary habitat. Includes existing MPA.	None Specified
Point Mugu Sycamore_SMCA_OPA_A_1	None Specified	There is a high quality watershed in this area and an ASBS on the coast. A submarine canyon lies offshore. This MPA would include both the mouth of Mugu Lagoon, the head of the submarine canyon, and deeper water habitats. This MPA expands upon the existing Sycamore Canyon SMR. This SMCA and adjacent SMR are intended to fall within the preferred size range as a cluster and to have an LOP of at least moderate high. The intent is to exclude the USN recreational area on the western point that forms the lagoon mouth. The boundary should pass through the center of the lagoon mouth.	Consider military use at Point Mugu.
Big Sycamore SMR OPA_A_1	G1: (O_1,O_2,O_3,O_4,O_5), G2: (O_1,O_2,O_3), G3: (O_1,O_2,O_3), G4: (O_1,O_2), G5: (O_1,O_2,O_3,O_5), G6: (O_1,O_3,O_4)	Expands existing MPA and includes enough area to meet SAT size guidelines. Includes the headwall of adjacent submarine canyon and a river mouth that is not impaired water body (big sycamore creek. This is perhaps the only one in the study region. Has consensus support among all fisheries sectors. Contiguous with SMCA, with the intent to form a cluster in the Preferred size range and connect to an estuarine habitat. The cluster will capture a large amount of uncommonly deep water for this bioregion.	Santa Monica Mountains National Recreational Area might support this idea. Provides an opportunity to capture very deep water habitat within an MPA. The imbedded SMR of the same name, is provided for in the California State Constitution and is not expected to be modifiable under the MLPA. It's regulatory language is more restrictive of usage than that designating a SMR.
Point Mugu Estuary_SMR_OPA_A_1	None Specified	Includes Pt Mugu lagoon wetland habitat. Contiguous with coastal MPA.	Consider military operations at Pt Mugu. Consider recreational fishing area in the lagoon. There is a restoration site within the lagoon.

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Malibu SMR OPA_A_1	5295	North Mainland	Designed to use La Flores Point as a geographic reference. See MarineMap	SMR	Very High	All take is prohibited	None Specified
Santa Monica Bay SMCA OPA_A_1	5609	South Mainland	The boundaries of this MPA are based on the boundaries of the fish and game district that places restrictions on commercial fishing in Santa Monica Bay.	SMCA	Low	Proposes all existing commercial and recreational fishing regulations. Prohibits commercial trawl, set lines, trammel/gillnets, handlines with more than two hooks, take of lobster and crab nets (except dipnets) within 750 ft of a pier, wharf, jetty or breakwater, and take of finfish and hagfish by trap within 750 ft of piers, jetties, breakwaters. Allows all recreational fishing. Allows commercial take of live bait by round haul net, urchin, sea cucumber, mussels (limit 250 lbs in shell), take by bait nets (smelt, anchovy, queenfish, sardines, squid, white croaker), use of hand appliances (for mollusks, sand crabs, shrimps, urchins, and tidal invertebrates) and use of troll lines.	None Specified
Portugese Bend SMCA OPA_A_1	5297	South Mainland	See MarineMap	SMCA	High	Allows seine fishing only for squid and sardine.	None Specified
Point Fermin_SMP_OPA_A_1	5869	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito California halibut, sole, turbot and sanddab. Finfish shall only be taken by hook and line or spear. Prohibits all commercial take.	None Specified

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Malibu SMR OPA_A_1	None Specified	Protects sand bottom habitat and is large enough to meet most of the goals. Designed to contribute toward size and spacing (potentially in lieu of Catalina). Low socioeconomic impact and high conservation value.	Designed to avoid socioeconomic impacts, but still meet spacing guidelines. Discussed this idea with recreational users and some commercial users. Public access in this area is poor. Malibu pier is included: need input on feasibility implications of this.
Santa Monica Bay SMCA OPA_A_1	None Specified	This MPA is intended to codify the existing fishing restrictions within Santa Monica Bay. This includes restrictions mostly on commercial fishing.	
Portugese Bend SMCA OPA_A_1	None Specified	Includes an oil seep, as well as south facing headland and beach. Includes hard and soft substrate areas, reefs offshore including deepwater where there are patch reefs. Deepwater is located near the point on the north end of the MPA. Capture mainland reef. Located in same are proposed in public comments presentation by schoolchildren a last January SCRSG meeting. This MPA incorporates the existing Abalone Cove SMP.	Designed to avoid getting too close to White's Point. Sport and commercial fishing occurs here. Seine fleet comes from from LA harbor (purse seine fleet with 5-6 boats depends on this area for harvest of sardine). Lobster and urchin fishing occur here. Suggestion was made to allow all consumptive uses that meet a high SAT level of protection. Live bait haulers use this area as well. West of this MPA is a high use area for people from Redondo beach. This MPA avoids high pollution area to the east and a high use area to the west. A potential edit could be to edit this to whole minute (it is already close by). Club house of the golf course could be marker on shore.
Point Fermin_SMP_OPA_A_1	None Specified	Includes existing MPA.	None Specified

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Bolsa Chica_SMP_OPA_A_1	5870	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: time of entry, accessible areas and allowed management activities.
Upper Newport Bay_SMP_OPA_A_1	5871	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except hook and line take of species other than kelp. Prohibits all commercial take.	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees.
CrystalCove_SMCA_OPA_A_1	5791	South Mainland	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except: A) Recreational: 1) Spiny lobster 2) Finfish by hook and line or spearfishing gear only B) Commercial: Spiny Lobster, crab, sea urchin, and finfish only	None Specified
Laguna to Newport Beach SMR_OPA_A_1	5298	South Mainland	Coordinates are intended to be: 117 48 200 to 117 46 300.	SMR	Very High	All take is prohibited	None Specified
LagunaCoast_SMCA_OPA_A_1	5794	South Mainland	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except: A) Recreational: 1) Spiny lobster 2) Finfish by hook and line or spearfishing gear only B) Commercial: Spiny Lobster, crab, sea urchin, and finfish only	None Specified
DanaPoint_SMCA_OPA_A_1	5792	South Mainland	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except: A) Recreational: 1) Spiny lobster 2) Finfish by hook and line or spearfishing gear only B) Commercial: Spiny Lobster, crab, sea urchin, and finfish only	None Specified
DohenyBeach_SMCA_OPA_A_1	5793	South Mainland	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except: A) Recreational: 1) Spiny lobster 2) Finfish by hook and line or spearfishing gear only B) Commercial: Spiny Lobster, crab, sea urchin, and finfish only	None Specified

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Bolsa Chica_SMP_OPA_A_1	None Specified	Includes existing MPA. Protects estuary habitat.	None Specified
Upper Newport Bay_SMP_OPA_A_1	None Specified	Includes existing MPA. Protects estuary habitat.	None Specified
CrystalCove_SMCA_OPA_A_1	G3: (O-1,O-2,O-3)	Very important as a goal 3 MPA as local educational programs and enforcement efforts maintain this area. Main goal is to preserve protection of inter-tidal species which local educational, recreational, and enforcement activities are based.	Modified the existing boundaries of Crystal Cove SMCA and simplified take regulations. Boundaries have been created following feasibility guidelines of recognizable points and offshore whole minute lat/long corner connected by straight lines.
Laguna to Newport Beach SMR_OPA_A_1	None Specified	Protects kelp and rocky reef habitats while minimizing potential socioeconomic impacts.	Intended to avoid impacts to lobster fishery to the extent possible. Note that this area is between Dana Point and Newport harbors. Existing Heisler Park SMR is incorporated in this shape.
LagunaCoast_SMCA_OPA_A_1	G3: (O-1,O-2,O-3)	Very important as a goal 3 MPA as local educational programs and enforcement efforts maintain this area. Main goal is to preserve protection of inter-tidal species which local educational, recreational, and enforcement activities are based.	Modified the existing boundaries of Laguna Coast SMCA and simplified take regulations. Boundaries have been created following feasibility guidelines of recognizable points and offshore whole minute lat/long corner connected by straight lines.
DanaPoint_SMCA_OPA_A_1	G3: (O-1,O-2,O-3)	Very important as a goal 3 MPA as local educational programs and enforcement efforts maintain this area. Main goal is to preserve protection of inter-tidal species which local educational, recreational, and enforcement activities are based.	Modified the existing boundaries of Dana Point SMCA and simplified take regulations. Boundaries have been created following feasibility guidelines of recognizable points and offshore permanent buoy corner connected by straight lines.
DohenyBeach_SMCA_OPA_A_1	G3: (O-1,O-2,O-3)	Very important as a goal 3 MPA as local educational programs and enforcement efforts maintain this area. Main goal is to preserve protection of inter-tidal species which local educational, recreational, and enforcement activities are based.	Modified the existing boundaries of Doheny Beach SMCA and simplified take regulations. Boundaries have been created following feasibility guidelines of recognizable points connected by a straight line.

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Agua Hedionda Lagoon_SMR_OPA_A_1	5872	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	Restrictions exist regarding allowed management activities.
Batiquitos Lagoon_SMP_OPA_A_1	5873	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding allowed management activities.
Encinitas_SMCA_OPA_A_1	5874	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except finfish. Prohibits all commercial take except for finfish	None Specified
Cardiff-San Elijo_SMCA OPA_A_1	5875	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, and worms and finfish. Allows all commercial take	None Specified
San Elijo Lagoon_SMP OPA_A_1	5876	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding allowed management activities.
Del Mar SMR OPA_A_1	5299	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
San Digueito SMR OPA_A_1	3858	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Penasquitos_SMR_OPA_A_1	5517	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
San Diego-Scripps SMCA OPA_A_1	5510	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except finfish. Prohibits all commercial take except finfish.	Other restrictions exist regarding allowances for scientific collection.
La Jolla SMR OPA_A_1	5509	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	Restrictions exist regarding: boat launching areas and anchoring times.
Mia J Tegner_SMR OPA_A_1	5511	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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Agua Hedionda Lagoon_SMR_OPA_A_1	None Specified	Maintains existing MPA. Protects estuary habitat.	None Specified
Batiquitos Lagoon_SMP_OPA_A_1	None Specified	Maintains existing MPA. Protects estuary habitat.	None Specified
Encinitas_SMCA_OPA_A_1	None Specified	Maintains existing MPA.	None Specified
Cardiff-San Elijo_SMCA OPA_A_1	None Specified	Maintains existing MPA.	None Specified
San Elijo Lagoon_SMP OPA_A_1	None Specified	Maintains existing MPA.	None Specified
Del Mar SMR OPA_A_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Links lagoons and coastline. Includes a diversity of habitat, including deep water rocky habitat, soft bottom, and nursery habitat. Designed to protect rockfish, seabass, and halibut. There is an underwater headland offshore steeple rock that serves as an aggregating area for Boccaccio and cowcod. There is coastal kelp coverage here with many fish. Captures lagoon mouths to the north and south.	Designed to minimize recreational fishing impacts. Have consulted with a variety of groups including spot prawn fishers, urchin fishers, CPFV, bait harvesters, and shore anglers. Potentially could change allowed uses to allow for socioeconomic use in future rounds.
San Digueito SMR OPA_A_1	None Specified	Protect estuary habitat and link to proposed offshore MPA. This is an SMR alternative to the SMCA also proposed in this area. Incorporates an existing SMP.	One question is whether this MPA needs to be a SMRMA to allow for duck hunting.
Penasquitos_SMR_OPA_A_1	None Specified	Protect lagoon adjacent to a proposed coastal SMR.	None Specified
San Diego-Scripps SMCA OPA_A_1	None Specified	Maintain protection and regulations of an existing MPA. Submarine canyon to the North.	Lots of diving in the area.
La Jolla SMR OPA_A_1	None Specified	Maintain regulations and protection of existing MPA.	Well known MPA locally and well enforced currently. Has buoys marking boundaries. Intent is to allow for current consumptive activities taking place adjacent to this existing MPA.
Mia J Tegner_SMR OPA_A_1	None Specified	Protects rocky intertidal habitats. Maintains boundaries of existing MPA, but increases protection.	None Specified

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Santa Catalina Island SMCA OPA_A_1	4103	East Channel Islands	See MarineMap	SMCA	Low	Prohibits all commercial fishing except for urchin, sea cucumber, spot prawn, and live fish. Prohibits aquarium trade collecting. Allows recreational fishing. This MPA is in recognition of the pre-existing allocation based regulation and additional level of protection of this region.	None Specified
Catalina Marine Science Center SMR OPA A 1	3028	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Farnsworth Bank SMCA OPA A 1	3025	East Channel Islands	See MarineMap	SMCA	Low	Prohibits commercial and recreational take of purple coral	None Specified
Casino Point SMR OPA_A_1	5518	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Lovers' Cove SMCA_OPA_A_1	5521	East Channel Islands	See MarineMap	SMCA	Low	Prohibits all recreational take. Prohibits all commercial take except for kelp and finfish.	None Specified
Pending Military Closure SNI_01	5291	West Channel Islands	See MarineMap	Undesignated	Very High	No take, no entry	None Specified
Pending Military Closures SCI 1_01	5292	East Channel Islands	See MarineMap	Undesignated	Very High	No take, no entry	None Specified
Pending Military Closures SCI 2_01	5289	East Channel Islands	See MarineMap	Undesignated	Very High	No take, no entry	None Specified
Richardson Rock_SMR	5276	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Judith Rock SMR	5287	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Harris Point SMR	5277	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
South Point SMR	5286	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carrington Point SMR	5279	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Skunk Point SMR	5285	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Santa Catalina Island SMCA OPA_A_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Puts existing regulations on the frontside of Catalina Island into a SMCA. A primary objective of this MPA is to provide for the recognition that commercial fishing opportunity is already quite restricted within this area	
Catalina Marine Science Center SMR OPA A 1	None Specified	Expand existing MPA. Potentially expand no anchor zone.	Swordfishing happens in this area.
Farnsworth Bank SMCA OPA A 1	None Specified	Maintains protection of existing MPA (protection of purple coral) with same boundaries.	Idea is to still allow trolling, commercial take of finfish, swordfish, etc.
Casino Point SMR OPA_A_1	None Specified	Include locally enforced protected area. Designed to meet Goal 3 of MLPA. Protect habitat and fish for divers.	None Specified
Lovers' Cove SMCA_OPA_A_1	G1: (O-5), G2: (O-2), G3: (O-1), G5: (O-1,O-2,O-4)	Maintains existing MPA protection with more enforceable boundaries.	MPA modified to use straight lines to enhance enforcement. MPA drawn on existing buoys that currently demarcate an informal MPA.
Pending Military Closure SNI_01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-4,O-5), G6: (O-3,O-4)	Area is presently off-limits due to the activities of the Pacific Missile Range and activities of San Nicolas Island Naval Installation. Area has extensive kelp beds and rocky structure that has been preserved in a pristine state. Large populations of sheepshead, whitefish and shallow water rockfishes have been preserved at this site. An isolated population of southern sea otter survive at San Nicolas Island.	Area appears to be a bridging habitat between the Northern Channel Islands and the Southern Channel Islands. Area is monitored and enforced by Naval authorities.
Pending Military Closures SCI 1_01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3), G6: (O-3,O-4)	This MPA provides larval connectivity in combination with Wilson for longer PLD dispersers to other islands as well as strong local retention. It is an area that is already closed to public access and is therefore an artificially low cost yet high value area as an SMR. It's true intended designation is as a Federal Military Closure (FMC)	See Wilson, except that this is a Weatherward coastline with high relief rocky habitat and submerged pinnacles.
Pending Military Closures SCI 2_01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-5), G6: (O-1,O-3,O-4)	Full preservation, addresses all goals including Goal 5, as this area is to be closed by the Department of Defense as a Federal Military Closure. It is intended that FMC be its designation. Inasmuch as that is not yet selectable it is as an SMR	This MPA captures a leeward and unique island coastline with its included habitats. It does so at a low socio-economic cost as an MPA because the public has lost access to this site due to other considerations already, and there are no additional enforcement costs at this area is to be enforced under an alternate authority.
Richardson Rock_SMR	N/A	N/A	N/A
Judith Rock SMR	N/A	N/A	N/A
Harris Point SMR	N/A	N/A	N/A
South Point SMR	N/A	N/A	N/A
Carrington Point SMR	N/A	N/A	N/A
Skunk Point SMR	N/A	N/A	N/A

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Painted Cave SMCA	5280	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish	None Specified
Gull Island SMR	5278	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Scorpion SMR	5281	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Footprint SMR	5284	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Anacapa Island SMCA	5282	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish and the commercial take of spiny lobster	None Specified
Anacapa Island SMR	5283	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Santa Barbara Island SMR	5288	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve
TBD = To be determined

Bioregions:

1. North Mainland (Point Conception to Marina Del Rey)
2. South Mainland (Marina del Rey to the U.S.-Mexico border)
3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands)
4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands)
5. East Channel Islands (Santa Catalina and San Clemente islands)

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Painted Cave SMCA	N/A	N/A	N/A
Gull Island SMR	N/A	N/A	N/A
Scorpion SMR	N/A	N/A	N/A
Footprint SMR	N/A	N/A	N/A
Anacapa Island SMCA	N/A	N/A	N/A
Anacapa Island SMR	N/A	N/A	N/A
Santa Barbara Island SMR	N/A	N/A	N/A

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MLPA Study Region: South Coast
Name: Opal_B_Round 1_090311
Author: Opal Work Group
Revised: March 18, 2009

Total number of MPAs/closures: 52
 Number of SMRs: 35
 Number of SMCAs: 12
 Number of SMPs: 5
 Number of Military Closures: 0

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Cojo Anchorage _SMR_OPA_B_1	2962	North Mainland	Attempting to go 8 nmi alongshore. Eastern boundary is intended for Alegria Point, east of Sacate. See MarineMap	SMR	Very High	All take is prohibited	None Specified
Refugio_SMCA OPA_B_1	5877	North Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except for chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, worms, and finfish. Prohibits all commercial take except for kelp; crabs, ghost shrimp, jackknife clams, sea urchins, worms, and finfish	None Specified
Devereux- Naples SMCA OPA_B_1	5527	North Mainland	See MarineMap	SMCA	Low	Allow mechanical harvest of kelp and shoreline recreational fishing.	None Specified
Campus Point SMR OPA_B_1	5526	North Mainland	Boundaries span from Camino Pescadero to where De La Hoya ends. See MarineMap	SMR	Very High	All take is prohibited	None Specified
Goleta Slough SMR OPA_B_1	5878	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carpinteria Reef SMR OPA_B_1	3889	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Lachuza SMR OPA_B_1	5545	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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Cojo Anchorage _SMR_OPA_B_1	None Specified	High biodiversity area with many different habitat types. Includes a relatively intact, unmolested ecosystem. Includes depleted populations of species. Important cultural sites here as well. Monitoring sites in the area include CRANE and PISCO.	Military use from Vandenberg Air Force Base. Halibut trawl is already closed here. Potential concerns about rockfishing here and suggestions about not capturing the anchorage. Some suggestions to potentially decrease the MPA size in round 2.
Refugio_SMCA OPA_B_1	None Specified	Maintains existing MPA.	None Specified
Devereux- Naples SMCA OPA_B_1	None Specified	This MPA is designed to protect the Naples kelp reef and the mouth of Devereux Slough. It is sited adjacent to the Campus Point SMR and intended to act as a cluster with that MPA.	Kelp harvest occurs in this area and this MPA, which the SAT should consider. Trawling here is limited due to oil groins and other structures. Consider speaking with halibut trawlers and trappers. This complex does not include the sewer pipe structure located to the east near Goleta pier.
Campus Point SMR OPA_B_1	None Specified	This MPA protects kelp ecosystem off of campus point and is designed to be a cluster with the adjacent Devereux-Naples SMCA.	None Specified
Goleta Slough SMR OPA_B_1	None Specified	Maintains existing MPA, but changes it to an SMR.	None Specified
Carpinteria Reef SMR OPA_B_1	None Specified	Protects Carpinteria reef and is adjacent to the slough.	Drawn along major lines of longitude. Important area for kelp harvest (go here if can't go to Goleta kelp bed). Area supports CPFV out of Santa Barbara harbor. One suggestion might be to have less offshore extent. Another suggestion would be to have different regulations. CPFV and kayak anglers suggest that it would be better to have goleta in an MPA than here. MPA at coal oil point would be better for spacing basis. State parks might support an MPA here.
Lachuza SMR OPA_B_1	None Specified	Protects deep and shallow substrate, kelp as well as a submarine canyon offshore. 9 of the 10 SAT identified habitats can be found here. Protects both exposed and leeward side of the headland. This MPA creates a monitoring opportunity, with similar habitats in and out of MPA and different designation. Intended to form a complex with adjacent Little Dume SMCA.	High commercial and recreational use in this area. A potential middle ground could be moving the SMCA further west.

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Little Dume SMCA OPA_B_1	5547	North Mainland	See MarineMap	SMCA	High	Allows swordfishing by harpoon.	None Specified
Lunada Bay SMR_OPA_B_1	5551	South Mainland	Northern boundary snapped to 33 48 line of latitude. See MarineMap	SMR	Very High	All take is prohibited	Surfing and other nonconsumptive recreational uses would continue unabated.
Bolsa Chica Mouth SMR OPA_B_1	3879	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Bolsa Chica_SMP_OPA_B_1	5880	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: time of entry, accessible areas and allowed management activities.
Upper Newport Bay_SMP_OPA_B_1	5879	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except hook and line take of species other than kelp. Prohibits all commercial take	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees.
Laguna Coast SMCA OPA_B_1	5552	South Mainland	MPA is designed to go 1 mile offshore and be anchored at full minutes. See MarineMap	SMCA	Mod-Low	Allows recreational take of pelagic finfish by hook and line and spear and commercial take of pelagic finfish by hook and line. Allows commercial and recreational take of lobster. Prohibits take of most invertebrates, except urchin and lobster.	None Specified
Heisler Park_SMR_OPA_B_1	5881	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	Restrictions exist regarding: boat launching areas and anchoring times.
Dana Point_SMR OPA_B_1	5556	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Little Dume SMCA OPA_B_1	None Specified	Protects deep and shallow substrate, kelp as well as a submarine canyon offshore. 9 of the 10 SAT identified habitats can be found here. Protects both exposed and leeward side of the headland. This MPA creates a monitoring opportunity, with similar habitats in and out of MPA and different designation. Intended to form a complex with adjacent Lachuza SMR.	Intended to avoid big kelp reef. Designed for boundaries to go straight north south. 6 lobster fishing families use this area. Kayak fishing and lobster further east.
Lunada Bay SMR_OPA_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-2), G5: (O-2,O-5), G6: (O-2,O-3,O-4)	This site represents perhaps the most prime example of Rocky headlands in the region. Captures part of a submarine canyon. The westward facing windward face of the Palos Verdes Peninsula is a well studied area of extraordinary biological diversity. The sheer distance between this location and other concentration of rocky reefs virtually mandate its selection as a Marine protected area. Designed to avoid polluted area at White's Point.	This is an area of heavily competing uses. Strategically situated between two very large mud bays and represents a natural reservoir of protected habitat and some of the only kelp forest habitat within several miles in either direction. Other than boats, there is limited recreational access due to private ownership of most of the Palos Verdes coastline. There does exist however, well identified and heavily used recreational access points at Flat Rock and Lunada Bay and other locations within the reserve. Some provision should probably be made to provide additional protection to the tidepool areas located within the reserve due to heavy depletion a human collection. 20.5 sq. miles
Bolsa Chica Mouth SMR OPA_B_1	G3: (O-1,O-2,O-3), G5: (O-1,O-2,O-3,O-4,O-5)	Includes the mouth of Bolsa Chica estuary. Connects restored areas to subtidal environments. Nursery for barred Sand Bass. Educational opportunities here. This MPA is designed to address goals 3 and 5 of the MLPA. It is intentionally drawn below the SAT minimum size range. Designed in the mode of a community protected area, as opposed to the backbone of the network	Intended to be smaller than SAT minimum size for MPAs. There is a fishing area south of Warner bridge. Boundaries placed on whole minutes. Northern boundary could be Warner Avenue.
Bolsa Chica_SMP_OPA_B_1	None Specified	Maintains existing MPA. Protects estuary habitat.	None Specified
Upper Newport Bay_SMP_OPA_B_1	None Specified	Maintains existing MPA. Protects estuary habitat.	None Specified
Laguna Coast SMCA OPA_B_1	G1: (O-2,O-5), G2: (O-4), G3: (O-1,O-2,O-3), G5: (O-1,O-4,O-5), G6: (O-3)	This MPA is designed to protect the rocky intertidal and shallow subtidal habitats coastwise. This MPA supports goal 3 to enhance educational, research and monitoring opportunities. Helps maintain existing protection for intertidal invertebrates provided by existing MPAs.	The outward boundary does not extend out to 3 mile state boundary and instead is aligned with the 40-50 fathom contour to try to minimize socio-economic impacts to historic dory fishing fleet that operates out of Newport Harbor. This fleet typically targets different rockfish spp between the 50 - 300 fathom depth contours. Harbor entrance is included in the MPA. Might consider rockfishing activities.
Heisler Park_SMR_OPA_B_1	None Specified	Maintain existing MPA.	None Specified
Dana Point_SMR OPA_B_1	G1: (O-1,O-3,O-4,O-5), G2: (O-2,O-4), G3: (O-1,O-2,O-3), G4: (O-2), G5: (O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Headlands feature with representative rocky intertidal and shallow subtidal habitats. Added protection to this area supports both goals one, 2 and 3.	None Specified

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Doheny_SMCA_OPA_B_1	5882	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, and worms, and finfish. Commercial take is allowed	None Specified
Agua Hedionda Lagoon_SMR_OPA_B_1	5883	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	Restrictions exist regarding: allowed management activites.
North County Lagoons_SMR_OPA_B_1	3003	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Batiquitos Lagoon SMP OPA_B_1	5235	South Mainland	See MarineMap	SMP	Mod-Low	Shore fishing only	None Specified
San Elijo Lagoon SMR OPA_B_1	5236	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
San Dieguito Lagoon_SMP_OPA_B_1	5885	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and linenfrom shore and the Grand Avenue bridge. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: boating, swimming, wading, diving, access to the California least tern island, hours of entry, and allowed management activites.
La Jolla Coast SMR OPA_B_1	5587	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Point Loma Kelp Forest SMR OPA_B_1	3877	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Cabrillo SMR OPA_B_1	4090	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
San Diego Back Bay SMCA OPA_B_1	5585	South Mainland	See MarineMap	SMCA	Low	Allows all recreational uses, prohibits all commercial take.	None Specified

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Doheny_SMCA_OPA_B_1	None Specified	Maintains boundaries of two existing MPAs.	None Specified
Agua Hedionda Lagoon_SMR_OPA_B_1	None Specified	Maintains existing MPA. Protects estuary habitat.	None Specified
North County Lagoons_SMR_OPA_B_1	None Specified	Protects kelp, surfgrass, lobster habitats, and lagoons. Intent is to protect the coastal area between two lagoons, essentially an extension of the Swamis to Solana MPA described by Marcella. Includes a state beach.	Breakwater could be used as a boundary on the northern end. Allowing lobster take in this area could be considered. San Dieguito lagoon is currently undergoing restoration.
Batiquitos Lagoon SMP OPA_B_1	None Specified	Protect Lagoon	Corrects lagoon boundary
San Elijo Lagoon SMR OPA_B_1	None Specified	Protect Lagoon area adjacent to an offshore SMR.	There may be some fishing in this lagoon, in which case an SMP might be considered in future rounds.
San Dieguito Lagoon_SMP_OPA_B_1	None Specified	Maintains existing MPA. Protects estuary habitat.	None Specified
La Jolla Coast SMR OPA_B_1	None Specified	Expand Existing MPAs in this area. Protects kelp forest ecosystem and a variety of habitats. Harbor seal haulout to the south at Casa Beach.	There is a kayak beach launch at Avenida de La Jolla, which is the only place where you can drive on to beach and drop your gear. It is a safe, sheltered place to launch. An SMR here would force kayakers to paddle around point. This area is also important for non-consumptive use. Offshore, there is a minefield for military use
Point Loma Kelp Forest SMR OPA_B_1	None Specified	Captures northern part of Point Loma kelp forest. Habitat is good here (conferred with Ed Parnell, a researcher at Scripps). Monitoring also occurs in the area.	Drawn along major lines of latitude to aid in enforcement. This design is an alternative to a proposed MPA in the southern Point Loma area and is farther away from San Diego Bay. Note that the Ocean Beach pier exists within this MPA, where fishing occurs. This area is situated between San Diego Harbor and Mission Bay
Cabrillo SMR OPA_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1), G5: (O-1,O-2,O-3,O-5), G6: (O-1)	Cabrillo National Monument has administrative jurisdiction in this area and is committed to managing the area in a manner consistent with the goals and values of a national park. No take is allowed in national parks. There are long term monitoring studies as well as valuable coastal access for non consumptive users at the park.	Cabrillo has a 20 year long term monitoring study. Part of the area is maintained as a human exclusion zone. The National Park Service will aid in enforcement. A State Marine Reserve is consistent with the federal laws governing National Park Management
San Diego Back Bay SMCA OPA_B_1	None Specified	Important habitat protection for: Turtles, Terns, Pacific Flyway - Migratory Waterfowl, Pelicans, and Wading and Shorebirds. Includes eelgrass habitat.	None Specified

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TijuanaRiverEstuaryMouth_SMR_OPA_B_1	5586	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Santa Catalina Island SMP OPA_B_1	5598	East Channel Islands	See MarineMap	SMP	Low	All authorized Recreational fishing would be allowed.	
Santa Catalina Island SMP OPA_B_1 (continued)	5598						

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TijuanaRiverEstuaryMouth_SMR_OPA_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-4)	This MPA is situated here because of the Tijuana River Estuary. The estuary is currently managed by the National Estuarine Research reserve, partnership between NOAA and CA State Parks. Estuaries are identified as key habitats to include in MPAs, and the adjacent NERR provides valuable public access, education, and research and monitoring opportunities. The estuary also supports populations of endangered plover and least terns, as well as hundreds of species of other birds, many of which forage on bait fish just offshore of the estuary. The boundaries of the MPA bisect a kelp forest, which is also identified as key habitat. The current configuration allows for a good scientific comparison of a protected area and non-protected area.	The Imperial Beach pier is an easy landmark to use as the northern boundary of the MPA. Using the pier also results in a geographical area that meets the minimum size guidelines suggested by the SAT. The intention of this MPA is not to restrict fishing from the pier itself.
Santa Catalina Island SMP OPA_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Proposes that a state marine park be established in waters on the front-side of Catalina from Land's End to Church Rock. State marine park status in California extends protection to all living and nonliving resources from commercial exploitation thus effectively closing the area to all commercial fishing. The frontside of Catalina is the most important area to establish protection as part of an MPA network because it has the greatest capacity to exchange larvae with reserves on the mainland due to its proximity with the mainland and the recurrent eddies that are frequently observed between the front-side and the mainland. These eddies can persist over several days and likely entrain larvae from both the mainland and the front-side effectively redistributing fish and invertebrate larvae among these areas. The economic importance of commercial fishing on the frontside is lower than on the backside where most commercial fishing presently occurs. The front-side has been closed to commercial lobster and finfishing for years, except for new fisheries including for urchins, sea cucumbers, and live fish	Option for a special closure in which no extractive uses may be made within 300 yards of Eagle Reef, Ship Rock and Bird Rock. These are the most heavily used areas adjacent to the Two Harbors area which is subject to intensive human uses. Recommendation that the governance of all marine protected areas off Catalina be well coordinated among local, regional, state and federal agencies to (a) ensure that the protected areas at the scale of Catalina Island are optimal within a larger context to help achieve conservation for wider ranging species and fishery management programs, (b) prevent duplication of protected areas that may be conflicting or confusing, and (c) to streamline enforcement and management of the MPAs. To address the need for coordinated governance, we recommend the establishment of a volunteer board to ensure that the MPAs off Catalina are well managed, monitored, enforced, and that they mesh with higher levels of governance and larger scales of marine conservation.
Santa Catalina Island SMP OPA_B_1 (continued)			The board should be composed of representatives from all levels of MPA governance, local stakeholders, and marine scientists. Some 17 million people live within a days use of Catalina Island. Over a Million people a year travel there to visit the island. This MPA merely solidifies a long standing use of the area as a recreational fishery.

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Eagle Rock SMR OPA_B_1	5596	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Lions Head to Arrow SMCA_OPA_B_1	3027	East Channel Islands	See MarineMap	SMCA	Mod-Low	No recreational or commercial take of invertebrates.	None Specified
Ship Rock SMCA OPA_B_1	3916	East Channel Islands	See MarineMap	SMCA	Mod-Low	Prohibits commercial and recreational take of invertebrates	None Specified
Catalina Science Center SMR OPA_B_1	4285	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Back Catalina SMCA OPA_B_1	4099	East Channel Islands	See MarineMap	SMCA	Low	Open to commercial and recreational fishing. Oversight by Catalina Island Advisory Committee. Collection of reef fish for pet or aquarium remain banned as per existing specific legislation. No new or emerging commercial fisheries shall be allowed.	None Specified
Catalina Harbor_SMCA_OPA_B_1	3023	East Channel Islands	See MarineMap	SMCA	Low	Prohibits purse seine for squid.	None Specified

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Eagle Rock SMR OPA_B_1	G1: (O-1,O-2,O-3,O-4), G2: (O-1,O-2,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-2,O-3,O-4)	This MPA protects the west end back side kelp beds which are the last to go in an El Nino and the first to recover from the devastation. It is perhaps the best studied, most biologically diverse and important areas on Catalina. The area is already the subject of the long-term ongoing study by the Catalina Conservancy Divers. Long-term ocean temperature loggers and coastal monitoring reference sites are located in Cactus Bay. Due to its orientation to the wind and prevailing swell, the backside, West End kelp bed gets significantly less use in many other areas of the island.	West End to Ribbon Rock (6.5 km). The proposed reserve on the backside of Catalina at the extreme western end is the most exposed section of coastline on Catalina. Despite this, it has large and persistent kelp forests. There are also boulder reefs and a broad sand habitat and the area has good lobster habitat. Thus it would displace some lobster and urchin fishers as well as recreational fishers at the popular West Cove site. Kelp forests provide important habitat and food for many exploited species that are relatively residential, and would therefore benefit from protection. These species include red sea urchins, lobsters, abalone, scallops, wavy turbans, kelp bass, shallow rockfish species, California sheephead, cabezon, sculpin, and lingcod. Kelp forests are typically limited to depths shallower than 35 meters off Catalina. The stability and persistence of kelp forests on the western end of Catalina ("west end") has been studied by Dr. Bill Bushing and a host of other kelp forest ecologists. It is perhaps the preeminent site for protection on all of Catalina Island.
Lions Head to Arrow SMCA_OPA_B_1	None Specified	Includes key habitat. Includes ship rock. Converts existing special closure to an SMCA, maintaining protection of invertebrates year round.	There is a mooring field in this area and a major pier. Still allow people to use eagle reef. Prawn fishery in this area. Swordfishing occurs on the frontside of the island.
Ship Rock SMCA OPA_B_1	None Specified	Captures ship rock. This is an important dive site.	Note that swordfish fishery occurs all around island.
Catalina Science Center SMR OPA_B_1	None Specified	Maintains existing SMR.	None Specified
Back Catalina SMCA OPA_B_1	G1: (O-1,O-2), G2: (O-1,O-4), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-5), G6: (O-1,O-3,O-4)	Collection of certain species already banned. Intensive commercial and recreational uses ensure intense competition for resources. This area would be managed by an Island oriented Advisory Group. See discussion for Catalina State Marine Park.	This area is subject to some of the most intensive use in the channel islands. Fishing pressure is intense for both recreational and commercial extraction. This area should be adaptively managed by an advisory panel who focuses on the entire island habitat. See discussion in Santa Catalina SMP MPA. This is an area of special biological significance.
Catalina Harbor_SMCA_OPA_B_1	None Specified	Includes important habitats, including eelgrass beds, salt marsh, and mud flats. largest salt marsh on channel islands. Protects squid by prohibiting purse seining.	A lot of purse seining occurs here. Enhancement projects in this area.

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Church Rock SMR OPA_B_1	4100	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Begg Rock SMR OPA_B_1	5588	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
San Nicholas SMR OPA_B_1	4092	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
SWAT 1 SMR OPA_B_1	5590	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Wilson SMR OPA_B_1	5589	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
China Point_SMR_OPA_B_1	3032	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Richardson Rock SMR	5528	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Judith Rock SMR	5539	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Harris Point SMR	5529	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
South Point SMR	5538	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carrington Point SMR	5531	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Skunk Point SMR	5537	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Painted Cave SMCA	5532	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish	None Specified

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Church Rock SMR OPA_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1), G5: (O-1,O-2,O-5), G6: (O-1,O-2,O-3,O-4)	This proposed reserve, which covers the southeast end of the island, is an effort to protect essential underwater habitats. The reserve encompasses habitat that is fundamentally different from the other proposed reserves. The area is dominated by soft bottom habitats but boulder reef and kelp forests are also common. The uniqueness of this area of the Island is (a) the occurrence of species that are much less common in other areas off the Island or they are present only in deeper water, and (b) the presence of a stable sandy habitat. The species that are less common to other areas of Catalina include barred sand bass and orangethroat pickleblennies. There are also extensive eel grass beds and a sea lion colony at Seal Rocks. The proximity of this reserve to Avalon would be beneficial for many recreational activities.	The reserves should also be placed to take advantage of the circulation patterns that have been observed off Catalina to maximize the ability of Catalina marine populations to broadcast their larvae to remote areas within the Southern California Bight. The most important circulation features are eddies that spin up downcurrent of the island when the incident circulation is aligned with the long axis of the island. These eddies likely entrain larvae of nearshore marine species and retain them as the eddies separate from the island and advect downstream. Such eddies are commonly observed on both ends of Catalina. Therefore, establishing reserves near the both ends of the island that protect important habitat is recommended. Potential impacts to squid fishery.
Begg Rock SMR OPA_B_1	None Specified	Protect subtidal habitats around Begg Rock.	Consider military uses in this area.
San Nicholas SMR OPA_B_1	None Specified	This area is intended to protect the extensive kelp forest habitat on the northeast corner of San Nicolas. This is one of the largest kelp beds in California waters. There are extensive pinniped colonies located in this proposed reserve area.	Consider military uses in this area. This shape includes parts of two existing safety zones used by the military.
SWAT 1 SMR OPA_B_1	None Specified	This is an APPROXIMATE polygon representing the Federal closure on San Clemente Island called SWAT-1	Consider military uses in this area.
Wilson SMR OPA_B_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-5), G6: (O-1,O-3,O-4)	This shape is intended to represent the Federal Military Closure (FMC) here. Full preservation, addresses all goals including Goal 5, as this area is to be closed by the Department of Defense as a Federal Military Closure. It is intended that FMC be its designation. Inasmuch as that is not yet selectable it is as an SMR.	This MPA captures a leeward and unique island coastline with its included habitats. It does so at a low socio-economic cost as an MPA because the public has lost access to this site due to other considerations already, and there are no additional enforcement costs as this area is to be enforced under an alternate authority. Consider military uses in this area.
China Point_SMR_OPA_B_1	None Specified	Includes shallow rock and a kelp bed.	Allows for use by military. This is the only place where the military can conduct ship to shore bombardment. Significant use or ordinance in this area.
Richardson Rock SMR	N/A	N/A	N/A
Judith Rock SMR	N/A	N/A	N/A
Harris Point SMR	N/A	N/A	N/A
South Point SMR	N/A	N/A	N/A
Carrington Point SMR	N/A	N/A	N/A
Skunk Point SMR	N/A	N/A	N/A
Painted Cave SMCA	N/A	N/A	N/A

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Gull Island SMR	5530	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Scorpion SMR	5533	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Footprint SMR	5536	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Anacapa Island SMCA	5534	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish and the commercial take of spiny lobster.	None Specified
Anacapa Island SMR	5535	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Santa Barbara Island SMR	5540	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve
TBD = To be determined

Bioregions:

1. North Mainland (Point Conception to Marina Del Rey)
2. South Mainland (Marina del Rey to the U.S.-Mexico border)
3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands)
4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands)
5. East Channel Islands (Santa Catalina and San Clemente islands)

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Gull Island SMR	N/A	N/A	N/A
Scorpion SMR	N/A	N/A	N/A
Footprint SMR	N/A	N/A	N/A
Anacapa Island SMCA	N/A	N/A	N/A
Anacapa Island SMR	N/A	N/A	N/A
Santa Barbara Island SMR	N/A	N/A	N/A

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MLPA Study Region: South Coast
Name: Topaz_A_Round 1_090312
Author: Topaz Work Group
Revised: March 18, 2009

Total number of MPAs/closures: 48
 Number of SMRs: 36
 Number of SMCAs: 5
 Number of SMPs: 7
 Number of Military Closures: 0

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Point Conception SMR TopA 01	5386	North Mainland	Left boundary runs directly off the point and the right boundary is exact on the lat/long	SMR	Very High	All take is prohibited	None Specified
Point Conception SMR TopA 01 (continued)	5386						
Refugio SMP TopA 01	5391	North Mainland	Intent to use boundaries proposed by State Parks, as proposed in their Master Plan	SMP	Low	Allow all recreational take	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Point Conception SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	Backbone regional SMR for ecologically important size and spacing linkages. Connectivity with Vandenberg SMR. Captures major biogeographic boundary, with mixing of differing oceanic current systems. Possible retention zone for plankton/larvae. Coastline change from N/S to W/E creates greatest upwelling system in SoCal, resulting in high productivity cold nutrient-rich water. Great representation of intertidal, shallow subtidal, and deepwater rocky reef systems. Wide diversity of productive, moderate exposure rock and sand habitats. Extensive kelp forests. Diverse rocky intertidal communities represented; MARINE monitoring site inside MPA at Govt Pt. Includes surfgrass habitats; mussel beds; owl limpets; rockweeds. Includes significant habitat to aid potential recovery of endangered black abalone as well as valuable subtidal habitat for diminished populations of pink and red abalone. Includes harbor seal haulouts and seabird roosts around Pt Conception. Endangered sea otters observed here at times. Protects fishes and invertebrates that could benefit from MPAs, including rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops.	Utilizes whole minutes of lat/lon to extent possible while keeping area moderate-size to minimize socio-economic impacts.
Point Conception SMR TopA 01 (continued)		Contains several oil seeps. Important cultural area. Area of interest for ecological research studies due to biogeographic boundary/ key upwelling. Continuation of kelp reefs E of MPA allows for comparison of fished vs non-fished areas. Offshore extension to 3mi boundary captures deepwater rock and sand habitats. Relatively remote region with not much recreational or commercial use; no nearby ports; extremely limited shoreline access due to private ownership/private roads.	
Refugio SMP TopA 01	G1: (O-1,O-3,O-4), G2: (O-4), G3: (O-1), G4: (O-1), G5: (O-1,O-3,O-4,O-5)	Slight expansion of existing MPA; now extends further offshore to reach ~120' depths. Set up to utilize existing Park along shore boundaries. No commercial fishing allowed; no extraction of archaeological or geological resources; all recreational take allowed. Area is underwater unit of state park system (Refugio State Beach) and would connect land park to underwater park. Important tradeship uses and desire to protect. Intent to protect archaeological sites. Area was leased from State Lands Commission for significant natural values as well as extremely sensitive archeological sites. Would give higher levels of protection to the many submerged historical resources in once popular trading ship anchorage. Representation of intertidal, rocky reef, and sandy bottom habitats. It includes many of access points in Santa Barbara. One of the few coastline parks with easy access to recreational divers. Local dive clubs already support the park by maintaining a kiosk and dive map of area. Includes surfgrass habitats; mussel beds; owl limpets; rockweeds; and may include subtidal eelgrass beds. Complement State Park's Master Plan	1) Consider state park master plan, 2) Keep size small to minimize socioeconomic impacts.

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Naples SMP TopA 01	5379	North Mainland	Utilizes whole minutes of lat/long to extent possible	SMP	Low	All recreational fishing allowed.	None Specified
Naples SMP TopA 01 (continued)	5379						
Isla Vista SMR TopA 01	5378	North Mainland	Utilizes whole minutes of lat/long to extent possible	SMR	Very High	All take is prohibited	None Specified
Isla Vista SMR TopA 01 (continued)	5378						
Deveraux_SMP_TopA_01	5549	North Mainland	See MarineMap	SMP	Low	plants, recreational, by hand	None Specified
Goleta_SMP_TopA_01	5557	North Mainland	See MarineMap	SMP	Low	plant gathering, recreational, by hand	None Specified
Carp Reef_SMR_TopA_02	2985	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carp Marsh_SMR_TopA_01	2987	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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Naples SMP TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Paired with adjacent Isla Vista SMR. Varied rocky topography includes Naples Reef, one of the few offshore reefs along mainland coast. Naples Reef has been major focus of long-term ecological studies by UCSB, with scientific understanding of coastal ecosystems greatly enhanced by research at this site. Naples Reef is one of the core monitoring sites of National Science Foundation's (NSF) Santa Barbara Coast Long Term Ecological Research (LTER) program, which examines long term changes in ecosystems in face of climate change and human use. Representation of diverse intertidal, shallow subtidal, and deepwater rocky reef systems interspersed with sand habitats. Good kelp forests. Moderate rocky intertidal communities represented; MARINE monitoring site upcoast at Arroyo Hondo. Includes surfgrass habitats; mussel beds; owl limpets; rockweeds. Grunion spawning on sandy beaches. Includes subtidal habitat for diminished populations of pink and red abalone. Includes one harbor seal haulout.	Not preferred size but above minimum size and keeps area moderate-size to minimize socio-economic impacts. No nearby ports.
Naples SMP TopA 01 (continued)		Sea otters observed here occasionally. Contains several oil seeps. Continuation of kelp reefs on either side of MPA allows for comparison of fully-fished vs sport-fished vs non-fished areas. Offshore extension to 3mi boundary captures deepwater rock and sand habitats.	
Isla Vista SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Backbone regional SMR for ecologically important size & spacing linkages. Representation of great shallow subtidal, & important deepwater rocky reef systems interspersed with sand habitats. Diverse, notably persistent & productive kelp forests. Rocky intertidal communities represented; MARINE monitoring site in MPA at Coal Oil Point. Includes surfgrass habitats; mussel beds. Grunion spawning on sandy beaches. Includes subtidal habitat for diminished populations of pink & red abalone and supported populations of endangered white abalone in past. Endangered sea otters observed here occasionally. Contains more oil seeps (listed as unique habitats by SAT) than any other SoCal area. Paired with adjacent Naples SMP. Continuation of kelp reefs on either side of MPA allows for comparison of fished vs non-fished areas. Captures sheltered sand habitat in Goleta Bay with portion of eelgrass habitat. Offshore extension to 3mi boundary captures deepwater rock & sand habitats.	While keeping area moderate-size to minimize socio-economic impacts. Avoids areas close to Santa Barbara Harbor. Avoids Goleta public fishing pier and Goleta Sewer outfall.
Isla Vista SMR TopA 01 (continued)		Adjacent to UCSB, particularly at Campus Pt, with great opportunities for education (e.g., UCSB REEF Program). Existing UCSB research and easy access from Goleta pier for expanded research. Compliments adjacent Devereaux Slough (great bird habitat) and UC Natural Reserve. Protects fishes and invertebrates that could benefit from MPAs, including rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Sheephead and lobster in particular has been identified in scientific studies as important urchin predators that help maintain balanced kelp forest ecosystems.	
Devereaux_SMP_TopA_01	None Specified	Protect the slough, bird life. Area is highly productive.	Interested in exploring options to retain access for Native American plant uses (parallel process).
Goleta_SMP_TopA_01	None Specified	Existing MPA here	Prefer to limit to traditional uses
Carp Reef_SMR_TopA_02	None Specified	Adjacent to estuarine habitat, rocky reef, persistent kelp, high species diversity, research and education, and study opportunities.	
Carp Marsh_SMR_TopA_01	None Specified	Estuarine habitat, serves as a nursery, monitoring, research, and education	Acknowledge issues with dogs in estuaries

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Muwu_SMP_TopA_01	5595	North Mainland	See MarineMap	SMP	Low	plant gathering, recreational, by hand	None Specified
Point Dume_SMR_TopA_01	2972	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Palos Verdes SMR TopA 01	5388	South Mainland	Utilizes whole minutes of lat/long to extent possible	SMR	Very High	All take is prohibited	None Specified
Palos Verdes SMR TopA 01 (continued)	5388						
Bolsa Chica_SMP_TopA 01	5602	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: time of entry, accessible areas and allowed management activities.
Upper Newport Bay_SMP_TopA_01	5601	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except hook and line take of species other than kelp. Prohibits all commercial take.	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees.

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Muwu_SMP_TopA_01	None Specified	Pristine area that allows for traditional native uses (muwu, chumash tomol). Some of the ecological benefits include: a nursery area, haul out sites, and an important area for birds. In addition, there is a lot of scientific research, within political boundary for Santa Monica Bay parks system.	Only one point on the base where people have access.
Point Dume_SMR_TopA_01	None Specified	Submarine canyon, rich rocky reef habitat, high species diversity, lots of non-consumptive, and grunion spawning.	Preferred size SMR
Palos Verdes SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-3,O-4)	Backbone regional SMR for ecologically important size & spacing linkages. Protection especially needed for habitat located within 1000 ft of shore, with emphasis on protecting intertidal & shallow subtidal life from extractive activities. Encompasses Abalone Cove MPA. Excellent representation of wide variety of rocky headland habitats, including diverse rocky intertidal, shallow kelp reefs, important deepwater rocky habitat; all with varying degrees of oceanographic exposures. Diverse & productive major kelp forests. Rich diversity of bedrock & boulder intertidal communities represented; Several sites (e.g., Flat Rk, Lunada Bay, Abalone Cove) easily accessible & popular locations for visitor exploration & educational field trips. MARINE monitoring sites downcoast of MPA at Whites Pt & Pt Vicente. Includes valuable surfgrass habitats that serve as nurseries for lobster; mussel beds; rockweed; owl limpets. Includes subtidal habitat for diminished populations of pink & green abalone & important habitat that once supported numerous now-endangered black abalone.	Keep area moderate-size to minimize socio-economic impacts. Farther away from LA Harbor, leaving south peninsula open for fishing. Minimize socio-economic impacts by keeping area to smallest effective and practical size, so did not extend this proposed MPA to 3-mile state boundary. Avoids Whites Point outfall for City of LA sewage. Avoids SoCals worst hotspot for DDT contamination off Whites Pt. Avoids heavily sedimented murky water off southern portion of peninsula and pollution influences from LA Harbor.
Palos Verdes SMR TopA 01 (continued)		Contains 4 long-term intertidal monitoring sites, esp for black abalone by Miller & Lawrenz-Miller. Continuation of kelp reefs on either side of MPA allows for comparison of fished vs no fished areas. Protects fishes and invertebrates that could benefit from MPAs, including rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Sheephead and lobster in particular has been identified in scientific studies as important urchin predators that help maintain balanced kelp forest ecosystems.	
Bolsa Chica_SMP_TopA 01	None Specified	None Specified	None Specified
Upper Newport Bay_SMP_TopA_01	None Specified	None Specified	None Specified

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Laguna Coast SMR TopA 01	5368	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Laguna Coast SMR TopA 01 (continued)	5368						
Agua Hedionda Lagoon SMR TopA 01	5838	South Mainland	As is	SMR	Very High	All take is prohibited	None Specified
Encinitas SMR TopA 01	5376	South Mainland	Utilizes whole minutes of lat/long to extent possible	SMR	Very High	All take is prohibited	None Specified
La Jolla Shores SMR TopA 01	5367	South Mainland	Utilizes whole minutes of lat/long to extent possible	SMR	Very High	All take is prohibited	None Specified

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Laguna Coast SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-1,O-3)	Backbone regional SMR for ecologically important size & spacing linkages. Protection especially needed for habitat located within 1000 ft of shore, with emphasis on protecting intertidal & shallow subtidal life from extractive activities. Much of area is very accessible to public & receives high levels of human use, including high collection of intertidal resources. Intertidal areas much studied by Cal State Fullerton ecologists & students. Encompasses Crystal Cove SMCA, Irvine Coast SMCA, Heisler Park SMR, Laguna SMCA, South Laguna SMCA. Compromise for added restrictions in Laguna Coast SMR is opening up Robert Badham SMCA for less restrictions near Newport Harbor. Consider local restrictions to protect intertidal communities at Badham. Impt to standardize MPA regulations and boundaries. Onshore state & local parks (including Crystal Cove State Park); Crystal Cove includes an underwater park; local governments very active in conservation and education efforts. On-site presence at Crystal Cove, Little Corona & portions of Laguna Beach.	Minimize socio-economic impacts by keeping area to smallest effective and practical size, so did not extend this proposed MPA to 3-mile state boundary. Avoids areas of water quality concern. Compromise area to allow access to fishing areas near Newport Harbor and Dana Pt Harbor. Offshore boundary will allow edge fishing.
Laguna Coast SMR TopA 01 (continued)		Good representation of variety of rocky and sandy habitats, including diverse rocky intertidal, shallow kelp reefs. Much of area is ASBS (includes 3 separate ASBSs). Diversity of rocky intertidal communities represented; Many sites are easily accessible and are popular locations for visitor exploration and educational field trips. MARINE monitoring sites in MPA at Crystal Cove, Shaws Cove, and Treasure Island. Includes valuable surfgrass habitats that serve as nurseries for lobster; mussel beds; rockweed; owl limpets. Grunion spawning on sandy beaches. Includes subtidal habitat for diminished populations of pink and green abalone. Connection with Dana Pt SMP to south allows for comparison of partially-fished vs non-fished areas. Protects fishes and invertebrates that could benefit from MPAs, including rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Sheephead and lobster in particular has been identified in scientific studies as important urchin predators that help maintain balanced kelp forest ecosystems.	
Agua Hedionda Lagoon SMR TopA 01	None Specified	None Specified	None Specified
Encinitas SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-5), G6: (O-3,O-4)	Backbone regional SMR for ecologically important size and spacing linkages. Nice mix of kelp and sand subtidal, rocky intertidal and sand beach habitats. Adjacent to San Elijo estuary. Adjacent to several state beaches. MARINE monitoring site. Considerable surfgrass habitat as lobster nursery. Likely grunion spawning beaches. Protects fishes and invertebrates that could benefit from MPAs, including rockfishes, sheephead, kelp bass, abalone, lobster. Park rangers can aid enforcement and education.	While keeping area small to minimize socio-economic impacts.
La Jolla Shores SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Encompasses San Diego-Scripps SMCA and La Jolla SMCA. Includes UC Coastal Reserve. Adjacent to Scripps Inst Oceanography; important research, education, and enforcement aspects. Area has been extremely well studied, with research indicating existing small MPA has clear benefits to marine life. Good representation of variety of rocky and sandy habitats, including sand beaches, rocky intertidal, shallow kelp reefs, and 2 submarine canyons (La Jolla Canyon and Scripps Canyon). Area of special biological significance. Kelp forests north and south of MPA allow fished vs non-fished comparisons. Rocky intertidal communities represented; They are easily accessible and are popular locations for visitor exploration and educational field trips. MARINE monitoring site in MPA at Scripps Reef. Includes valuable surfgrass habitats that serve as nurseries for lobster; mussel beds; rockweed; owl limpets. Grunion spawning on sandy beaches.	While keeping area small-size to minimize socio-economic impacts. Not near harbor. Leaves major kelp forest fishing area to south open for commercial and sport harvest. Popular surfing areas in MPA. Minimize socio-economic impacts by keeping area to smallest effective and practical size, so did not extend this proposed MPA to 3-mile state boundary. Avoids areas of water quality concern. Avoid offshore conflict with military activities. Minor expansion of existing MPA boundaries to simplify boundaries and better capture portions of canyons.

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
La Jolla Shores SMR TopA 01 (continued)	5367						
Pacific Beach SMR TopA_01	5380	South Mainland	Utilizes whole minutes of lat/long to extent possible	SMR	Very High	All take is prohibited	None Specified
Pacific Beach SMR TopA_01 (continued)	5380						
Point Loma SMR TopA 01	5389	South Mainland	Utilizes whole minutes of lat/long to extent possible	SMR	Very High	All take is prohibited	None Specified
Cabrillo SMR TopA 01	5387	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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La Jolla Shores SMR TopA 01 (continued)		Includes subtidal habitat for diminished populations of pink and green abalone. Protects fishes and invertebrates that could benefit from MPAs, including rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Sheephead and lobster in particular has been identified in scientific studies as important urchin predators that help maintain balanced kelp forest ecosystems.	
Pacific Beach SMR TopA_01	G1: (O-1,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-5), G6: (O-3)	Designed to include reserve proposed by Parnell et al. (2006) in Ecological Applications, crafted with careful scientific studies based on fine-scale habitats, affinities of exploited species to these habitats, adult mobility, and physical forces affecting the dynamics of these habitats. Diverse, persistent kelp forests here in south La Jolla found to be ecologically better suited for reserve here than at north La Jolla. Northern area is most productive for red urchins, so better to leave that area open for harvest. Surfgrass habitats provide nursery for lobster. Rocky intertidal communities represented; They are easily accessible and are popular locations for visitor exploration and educational field trips. Protects fishes and invertebrates that could benefit from MPAs, including rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Sheephead and lobster in particular has been identified in scientific studies as important urchin predators that help maintain balanced kelp forest ecosystems.	Other SAT consideration is the intent to have an SMR at 9.01 sq miles, while keeping area small-size to minimize socio-economic impacts.
Pacific Beach SMR TopA_01 (continued)		Position adjacent to La Jolla Strand SMP allows comparisons between fully-fished, sport-fished, and unfished areas. It is the intent that combination of La Jolla Shores SMR, Pacific Beach SMR, and Pt Loma SMR combined will provide backbone MPA while maintaining creative flexibility for commercial and recreational fishing.	
Point Loma SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	Designed to capture portion of rich, extensive Pt Loma kelp forest, which is more diverse in central and northern portion of Pt Loma than southern portion. Capture deepwater elk kelp community. Extensive surfgrass habitats provide nursery for lobster. Ecologically important rocky intertidal communities represented. Protects fishes and invertebrates that could benefit from MPAs, including rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Sheephead and lobster in particular has been identified in scientific studies as important urchin predators that help maintain balanced kelp forest ecosystems. Allows comparisons between fully-fished and unfished areas. It is the intent that combination of La Jolla Shores SMR, Pacific Beach SMR, and Pt Loma SMR combined will provide backbone MPA while maintaining creative flexibility for commercial and recreational fishing.	Situating between Mission Bay and San Diego Harbor to provide considerable fishing areas near harbors. Avoids water quality issues near these harbor mouths. Keeping area moderate-size to minimize socio-economic impacts.
Cabrillo SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1), G5: (O-1,O-2,O-4), G6: (O-1,O-3)	Cabrillo National Monument has administrative jurisdiction in this area and is committed to managing the area in a manner consistent with the goals and values of a national park. No take is allowed in national parks. There are long term monitoring studies as well as valuable coastal access for non-consumptive users at the park.	Cabrillo has a 20 year long term monitoring study. -part of the area is maintained as a human exclusion zone -The National Park Service will aid in enforcement -A State Marine Reserve is consistent with the federal laws governing National Park Management -It is recognized that the areas offshore are valuable fishing grounds for urchins and lobsters as well as vessels travelling from San Diego Bay. This design protects the resources under the jurisdiction of Cabrillo while still allowing the majority of the water in the area to be open for fishing. -Over 100 000 people visit the area which provides access to the ocean for thousands of school children and other groups.

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South San Diego Bay SMR TopA 01	3915	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
ImperialBeach_SMCA_TopA_01	3923	South Mainland	See MarineMap	SMCA	Mod-Low	Fishing for live bait.	None Specified
TijuanaRiverEstuary_SMR_TopA_01	3922	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
West End SMR TopA 01	5384	East Channel Islands	Utilizes whole minutes of lat/long	SMR	Very High	All take is prohibited	None Specified
Northeast Catalina SMCA TopA 01	5383	East Channel Islands	Utilizes whole minutes of lat/long where possible	SMCA	Low	None Specified	[Need specify]
Northeast Catalina SMCA TopA 01 (continued)	5383						

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South San Diego Bay SMR TopA 01	None Specified	Good combination of resources- eelgrass, salt flats, seahorses, birds, turtles, shallow water habitat.	None Specified
ImperialBeach_SMCA_TopA_01	None Specified	Connectivity between estuarine and coastal habitats	a lot of urchins here
TijuanaRiverEstuary_SMR_TopA_01	None Specified	Ecological considerations include: nursery grounds for halibut, salt water marsh habitat, and habitat for numerous birds. There also exists study opportunities.	0
West End SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-3), G6: (O-3,O-4)	NW end of Santa Catalina Island hosts high diversity of habitats and communities representing productive, wave-exposed portion of east islands bioregion. Island tip, offshore islet, pinnacles, reefs, and deepwater sand plains add to biodiversity. Contains persistent key habitat giant elk kelp forests, surfgrass habitats, and foraging habitat for marine mammals and sea birds. Protects important deepwater soft-bottom squid-spawning habitats. Will protect and enhance fishes and invertebrates, including sea bass, rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Includes endangered black and likely white abalone habitat, and diverse rocky intertidal assemblages.	Minimizes socio-economic impacts by keeping area to smallest effective and practical size, plus 3 mile offshore to capture the deep marine habitats. Recommended for MPA status in Santa Catalina Island report by Parnell, Miller, & Dayton (2006).
Northeast Catalina SMCA TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Represents warmer-water, partly-sheltered portion of east islands bioregion along northern side of Santa Catalina Island, with Lion's Head, various coves, Eagle Reef, Emerald Bay, Indian Rock, and Arrow Point providing highly diverse oceanographic and marine community conditions. Part of area of special biological significance. This is offshore expansion of existing special invertebrate closure, now codified as SMCA that allows take of all finfish, but no marine plants or invertebrates. Includes calm-water giant kelp forests (Macrocystis) and, as well as alongshore and offshore low- and high-relief boulder, bedrock, and sheltered sand habitats. Stable sand habitats harbor ecologically important communities, including burrowing worms, snails, clams, crabs, mantis shrimp, and fishes such as orange-throat pikeblennies, turbot, halibut, and giant sea bass. Includes sandy habitat form of special deepwater elk kelp (Pelagophycus), that occurs at depths below 60 ft, and whose 20 ft+ long blades drape over sheltered sand habitats to create important biogenic habitat for fishes and invertebrates.	While keeping area as small as feasible to minimize socio-economic impacts, since many lee side island visitors enjoy sport fishing. To balance need for ecological protection with recreational fishing opportunities, design of this SMP and Blue Cavern SMR have been carefully constructed to provide 3 types of areas in this region of Catalina: 1) SMR with full protection, 2) SMCA continuing the special closure for marine invertebrates, but allowing fishing, and 3) open take areas around major anchorages, piers and reefs to provide convenient recreational fishing opportunities.
Northeast Catalina SMCA TopA 01 (continued)		Protects surfgrass (Phyllospadix) habitats, as well as island eelgrass (Zostera) communities in several coves, including species utilizing this meadow as nursery habitat. Several coves serve as aggregation areas for pregnant female leopard sharks. Proposed MPA includes sea camp coves extensively used for educational programs (e.g., Cherry Cove, Howlands Landing, and Emerald Bay), providing excellent opportunity for teaching values of Marine Protected Areas. Includes endangered black and white abalone habitat, as well as that for diminished populations of green and pink abalone. Offshore Eagle Reef is highly productive and diverse current-swept reef. Provides protection for invertebrates that could benefit from MPAs, including, abalone, lobster, mussels, clams, limpets, and rock scallops. MPA recommended by Santa Catalina Island report by Parnell, Miller, and Dayton (2006).	

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Blue Cavern SMR TopA 01	5374	East Channel Islands	Utilizes whole minutes of lat/long where possible	SMR	Very High	All take is prohibited	None Specified
Long Point SMR TopA 01	5365	East Channel Islands	Utilizes whole minutes of lat/long where possible	SMR	Very High	All take is prohibited	None Specified
Long Point_SMCA_TopA 01	5634	East Channel Islands	See MarineMap	SMCA	High	Fishing for pelagic finfish, white sea bass & bonito using spear and H & L > 50m	None Specified
Avalon SMR TopA 01	5366	East Channel Islands	Utilizes whole minutes of lat/long where possible	SMR	Very High	All take is prohibited	None Specified

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Blue Cavern SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Northern region of Santa Catalina Island hosts highly diverse features including along-shore headland, coves, sea caves, walls, reefs and stable sand habitats; and unique offshore rocks and reefs, all representing warmer-water portion of east islands bioregion. Ship Rock is most unique offshore rock at Catalina Island, with current-exposed, productive biological assemblages, some species of which are quite rare. It is a premier dive and filming location that would greatly benefit from protection. Proposed MPA contains key habitat giant kelp, elk kelp, surfgrass, and eelgrass. Will protect and enhance fishes and invertebrates, including sea bass, rockfishes, sheephead, kelp bass, halibut, abalone, lobster, mussels, limpets, and rock scallops. Deep offshore reef once was very productive endangered white abalone habitat. This is expansion of existing reserve by USC Wrigley Marine Science Center, so great opportunity for enhanced research, monitoring, and education.	Minimizes socio-economic impacts by keeping area to smallest effective and practical size, while keeping area as small as feasible to minimize socio-economic impacts. Recommended for MPA status in Santa Catalina Island report by Parnell, Miller, & Dayton (2006). Great location for student and visitor education about values of Marine Protected Areas. Careful design of this and adjacent MPA balance protection and recreational fishing opportunities and provide unique opportunity for study of full take, partial, fish only take, and no take effects on similar marine communities. Reason for odd western boundary is to include Bird Rock in MPA, but exclude Isthmus Reef to provide recreational fishing opportunities at Isthmus Reef and allow fished vs non-fished comparisons between kelp reefs at Bird Rock and Isthmus Reef.
Long Point SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	NE central region of Santa Catalina Island hosts diverse sheltered headland, bedrock, boulder, and sand habitats representing warmer-water portion of east islands bioregion. Stable sand habitats harbor ecologically important communities of invertebrates and fishes, including unusual mantis shrimp and orangethroat pikeblennies. Long Point is major headland that provides diverse oceanographic and marine community conditions. Proposed MPA includes the best known and most-visited giant sea bass (spawning) aggregation site in CA. Proposed MPA contains key habitat giant kelp, elk kelp, surfgrass, and eelgrass. Will protect and enhance fishes and invertebrates, including sea bass, rockfishes, sheephead, kelp bass, halibut, abalone, lobster, and rock scallops. Provides natural marine ecosystem convenient to popular cove camps where children and families enjoy educational programs and snorkeling.	Minimizes socio-economic impacts by keeping area to smallest effective and practical size. Recommended for MPA status in Santa Catalina Island report by Parnell, Miller, & Dayton (2006). Great location for children and visitor education about values of MPAs.
Long Point_SMCA_TopA 01	None Specified	None Specified	Intended High LOP
Avalon SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-4,O-5), G6: (O-3)	SE region of Santa Catalina Island hosts diverse sheltered cobble, boulder, pinnacle, and sand habitats representing unique warm-water portion of east islands bioregion. Little Farnsworth is special deepwater pinnacle with community adapted to high-relief, current-swept conditions. Proposed MPA contains key habitat giant kelp and elk kelp forests. Will protect and enhance fishes and invertebrates, including sea bass, rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Enlarges existing Lovers Cove MPA which is popular snorkeling and glass-bottom boat tour destination. Provides natural marine ecosystem convenient to Catalina's population center at Avalon for enjoyment and education of non-consumptive residents and visitors.	Minimizes socio-economic impacts by keeping area to smallest effective and practical size, while keeping area as small as feasible to minimize socio-economic impacts. Recommended for MPA status in Santa Catalina Island report by Parnell, Miller, & Dayton (2006). Avoids Avalon fishing Mole and Avalon Harbor. Ideal location for education about values of MPAs.

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Southwest Catalina SMR TopA 01	5372	East Channel Islands	Utilizes whole minutes of lat/long where possible	SMR	Very High	All take is prohibited	None Specified
Begg Rock SMR_TopA_01	5373	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
San Nicolas Island SMR_TopA_01	5369	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Castle Rock SMR TopA 01	5371	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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Southwest Catalina SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	SW region of Santa Catalina Island hosts high diversity of habitats and communities representing productive, wave-exposed portion of east islands bioregion. Differing exposure to swells, unique offshore Farnsworth Bank, productive reefs, and deepwater sand plains add to biodiversity. Contains persistent key habitat giant kelp forests, surfgrass habitats, portion largest Channel Island eelgrass bed, and foraging habitat for marine mammals and sea birds. Protects important deepwater soft-bottom squid-spawning habitats. Will protect and enhance fishes and invertebrates, including sea bass, rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Includes endangered black and likely white abalone habitat, and diverse rocky intertidal assemblages.	Minimizes socio-economic impacts by keeping area to smallest effective and practical size, while keeping area as small as feasible to minimize socio-economic impacts. Recommended for MPA status in Santa Catalina Island report by Parnell, Miller, & Dayton (2006). Avoids Little Harbor area which is used as anchorage and fished from small boats and kayaks.
Begg Rock SMR_TopA_01	G1: (O-1,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	Unique, highly-exposed offshore rock/pinnacle ecosystem w/razor back ridges; Deepwater hard & soft bottom habitats; rare lumpy form of purple hydrocoral; Enhance rockfish, other large fishes, and rock scallops; CA Coastal National Monument; ASBS; minimal socio-economic impacts.	Scientific value: Ideal location to compare natural offshore, high relief communities with those on oil platforms. Shape/size designed to capture "key habitat" pinnacles and allow potential to link with NW San Nicolas MPA through federal waters, yet minimize socio-economic impacts by keeping area to smallest effective and practical size. MPA recommended here by CA Parks (2001). Considered by many divers and u/w photographers to be premier dive spot in San Nicolas area, when weather permits.
San Nicolas Island SMR_TopA_01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-5), G6: (O-3,O-4)	Highly diverse habitats & communities, including differing exposures, 6% of SoCal kelp forests, valuable extent of 0-100m hard bottom, significant endangered white and black abalone habitat, primary foraging habitat for the only resident population of endangered sea otters, pinnipeds (all SoCal species), and sea birds; ecologically important rocky intertidal communities; ASBS; Protection for giant sea bass (from bycatch) & host of other overfished species; Key bioregion linkage; minimize overlap with commercial and recreational fishing areas;	Includes primary sea otter foraging area, allowing unprecedented opportunity to compare kelp forest ecosystem with sea otters against those without. Designed MPA to provide inside/outside sites for ongoing monitoring of intertidal, subtidal, and black abalone communities. Includes portions of both sides of island, yet avoids much of the commercial fishing areas for lobsters, urchins, cucumbers, and spot prawn. Avoids lee areas used as anchorages, for sport fishing, and military supply pier. Utilizes whole minutes of lat/lon, plus 3-mile offshore to capture significant deep-water habitats and allow possibility for future MPA connection to Begg Rock through federal waters.
Castle Rock SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	NW end of San Clemente Island hosts high diversity of habitats and communities representing western portion of east islands bioregion. Offshore islets, pinnacles, & reefs add to biodiversity, and include significant populations of rare habitat-forming purple hydrocoral. Contains significant amounts of highly productive key habitat giant and deepwater elk kelp forests, and marine mammal and sea bird foraging habitats. Will protect and enhance fishes and invertebrates, including sea bass, rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Includes endangered white and black abalone habitat, surfgrass, and diverse rocky intertidal assemblages.	Designed to minimize conflict with military activities (e.g., by avoiding NW Harbor). Emphasized area that is closed periodically by military, hence fishing activities already are partially limited here. Avoids sheltered area used as anchorages (NW Harbor) and military mooring/supply pier areas (Wilson Cove). Includes kelp forest monitoring site outside NW Harbor.

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West San Clemente Island SMR TopA 01	5370	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Pyramid Head SMR TopA 01	5390	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Richardson Rock_SMR	5305	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Judith Rock SMR	5316	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Harris Point SMR	5306	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
South Point SMR	5315	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carrington Point SMR	5308	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Skunk Point SMR	5314	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Painted Cave SMCA	5309	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish	None Specified
Gull Island SMR	5307	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Scorpion SMR	5310	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Footprint SMR	5313	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Anacapa Island SMCA	5311	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish and the commercial take of spiny lobster.	None Specified

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West San Clemente Island SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	SW side of San Clemente Island hosts high diversity of coastal habitats and communities representing western portion of east islands bioregion. Offshore islets, pinnacles, & reefs add to biodiversity, and include populations of rare habitat-forming purple hydrocoral. Contains significant amounts of highly productive key habitat giant and likely deepwater elk kelp forests, and important marine mammal and sea bird foraging habitats. Will protect and enhance fishes and invertebrates, including sea bass, rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Includes significant endangered white and black abalone habitat, surfgrass, and diverse, ecologically important rocky intertidal assemblages.	Designed to minimize conflict with military activities (e.g., by avoiding China & West Pyramid Coves). Emphasized area that is closed periodically by military, hence fishing activities already are partially limited here. Avoids sheltered area used as anchorages (West Pyramid Cove). Includes kelp forest monitoring site at Eel Point.
Pyramid Head SMR TopA 01	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	SE corner of San Clemente Island hosts high diversity of coastal habitats and communities representing warm-water portion of east islands bioregion. Pinnacles, reefs, and sheltered sand habitats add to biodiversity. Contains forests of giant kelp, special sand habitat form of deepwater elk kelp, and relatively rare island eelgrass meadows that expand biogenic habitats on sand bottoms. Contains some of most extensive surfgrass beds at Channel Islands that serve as nurseries for lobster. Will protect and enhance fishes and invertebrates, including sea bass, rockfishes, sheephead, kelp bass, abalone, lobster, and rock scallops. Includes endangered black (& likely white) abalone habitat, surfgrass, and diverse, ecologically important rocky intertidal assemblages.	Designed to minimize conflict with military activities (e.g., by avoiding West Pyramid Coves). Emphasized area that is closed periodically by military, hence fishing activities already are partially limited here. Avoids sheltered area used as anchorages (West Pyramid Cove). Comparisons can be made with openly-fished kelp forest monitoring site at Horse Beach. Kept close to shore to minimize problems with fishing vessel transit (with catch).
Richardson Rock_SMR	N/A	N/A	N/A
Judith Rock SMR	N/A	N/A	N/A
Harris Point SMR	N/A	N/A	N/A
South Point SMR	N/A	N/A	N/A
Carrington Point SMR	N/A	N/A	N/A
Skunk Point SMR	N/A	N/A	N/A
Painted Cave SMCA	N/A	N/A	N/A
Gull Island SMR	N/A	N/A	N/A
Scorpion SMR	N/A	N/A	N/A
Footprint SMR	N/A	N/A	N/A
Anacapa Island SMCA	N/A	N/A	N/A

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Anacapa Island SMR	5312	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Santa Barbara Island SMR	5317	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve
TBD = To be determined

Bioregions:

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. North Mainland (Point Conception to Marina Del Rey) 2. South Mainland (Marina del Rey to the U.S.-Mexico border) 3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands) | <ol style="list-style-type: none"> 4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands) 5. East Channel Islands (Santa Catalina and San Clemente islands) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Anacapa Island SMR	N/A	N/A	N/A
Santa Barbara Island SMR	N/A	N/A	N/A

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MLPA Study Region: South Coast
Name: Topaz_B_Round 1_090312
Author: Topaz Work Group
Revised: March 18, 2009

Total number of MPAs/closures: 58
 Number of SMRs: 25
 Number of SMCAs: 25
 Number of SMPs: 5
 Number of Military Closures: 3

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations
Point Conception_SMR_TopB_01	5349	North Mainland	Exact boundary working off graticules. Northern boundary, west of Pt. Conception based on study region but group would support putting it to the graticule if the study region boundary is modified. Move to new northern study region boundary after edit	SMR	Very High	All take is prohibited
Refugio_SMCA_TopB_01	5554	North Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except for chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters (by trap and hand), ghost shrimp, sea urchins, mussels, worms, and finfish. Prohibits all commercial take except for lobster (both trap and hand), crabs, ghost shrimp, jackknife clams, sea urchins, worms, and finfish
UCSB_SMR_TopB_01	5336	North Mainland	See MarineMap	SMR	Very High	All take is prohibited
Deveraux_SMP_TopB_01	5548	North Mainland	See MarineMap	SMP	Low	All take is prohibited, except plant gathering, recreational, by hand only
Goleta_SMP_TopB_01	5543	North Mainland	See MarineMap	SMP	Low	plant gathering, recreational, by hand only
Carp Marsh_SMR_TopB_01	5747	North Mainland	See MarineMap	SMR	Very High	All take is prohibited
Mugu SMCA_TopB_01	5326	North Mainland	Eastern boundary designed to go off a landmark (Mugu Pt)	SMCA	Mod-Low	All pelagic Pelagic Finfish: Spear: recreational
Mugu_SMR_TopB_01	5340	North Mainland	Western boundary designed to go off a landmark (Mugu Pt)	SMR	Very High	All take is prohibited

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MPA Name	Other Proposed Regulations	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Point Conception_SMR_TopB_01	None	None Specified	High biodiversity, major geographic boundary, Major biogeographic boundary, southern and northern species limits for marine invertebrates, shift in gene frequencies. oil seeps, feasibility, pinnacles, 4 wrecks (one mapped wreck). Reduces socioeconomic impacts.	In terms of socioeconomic considerations, it doesn't seem to be a high priority access for users groups.
Refugio_SMCA_TopB_01	None	None Specified	None Specified	None Specified
UCSB_SMR_TopB_01	None	None Specified	Off university (for educational opportunity). Target habitat includes eelgrass, surfgrass, kelp, deep water rocky reef, and o seeps. Notable species in the areas include snowy plovers, lobsters, seabass, and sea cucumbers. Alongshore current runs from the east to the west (larval transport), heavily productive lobster area, ans a great rookery area.	None Specified
Deveraux_SMP_TopB_01	None	None Specified	Protect the slough, bird life. Area is highly productive	Interested in exploring options to retain access for Native American plant uses (parallel process).
Goleta_SMP_TopB_01	None	None Specified	Offshore reef that is unique, rocky substrate, good upwelling, lots of biodiversity, sea otters, great opportunity for kayaking and snorkeling. Grass beds, rocky shale substrate, close to the university.	Prefer to limit to traditional uses.
Carp Marsh_SMR_TopB_01	None	None Specified	Estuarine habitat, serves as a nursery, monitoring, research, and education	Acknowledge issues with dogs in estuaries.
Mugu SMCA_TopB_01	Intended LOP: high	None Specified	minimize economic impact	Minimize socioeconomic impacts.
Mugu_SMR_TopB_01	Intend to get 8 sq miles of soft habitat	None Specified	There is a canyon in that area, as well as an existing SMR that does not comply with guidelines.	Intend to get 8 sq miles of soft habitat.

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations
Muwu_SMP_TopB_01	5333	North Mainland	See MarineMap	SMP	Low	plant gathering, recreational, by hand only
Malibu SMCA_TopB_01	5327	North Mainland	See MarineMap	SMCA	Mod-high	Pier fishing only
Malibu_SMR_TopB_01	5341	North Mainland	See MarineMap	SMR	Very High	All take is prohibited
Palos Verdes SMCA_TopB_01	5348	South Mainland	See MarineMap	SMCA	Mod-Low	Pelagic Finfish: Hook and Line: recreational Coastal Pelagic Finfish: Pelagic Seine: commercial
Palos Verdes Scientific 1 SMCA_TopB_01	5320	South Mainland	See MarineMap	SMCA	Mod-Low	Lobster: Traps / Pots: commercial
Palos Verdes Science 2 SMCA_TopB_01	5332	South Mainland	See MarineMap	SMCA	Mod-Low	Urchin: Diving: commercial
Point Fermin_SMCA_TopB_01	5599	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except finfish and lobster only. Prohibits all commercial take.
Bolsa Chica_SMP_TopB_01	5600	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay.
Upper Newport Estuary SMCA TopB_01	5324	South Mainland	See MarineMap	SMCA	Mod-Low	Barred Sand Bass: Hook and Line: recreational, Spotted Sandbass: Hook and Line: recreational Halibut: Hook and Line: recreational Shore-based finfish: Hook and Line: recreational

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Muwu_SMP_TopB_01	None	None Specified	Pristine area that allows for traditional native uses (muwu, chumash tomol). Some of the ecological benefits include: a nursery area, haul out sites, and an important area for birds. In addition, there is a lot of scientific research, within political boundary for Santa Monica Bay parks system.	Only one point on the base where people have access.
Malibu SMCA_TopB_01	None	G1: (O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Protect steel spawning area. Improve water quality in the area.	Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA.
Malibu_SMR_TopB_01	None	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-2,O-3), G3: (O-2), G4: (O-1,O-2), G5: (O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Some key ecological considerations include kelp and eel beds, haulout sites for marine mammals, and steelhead in the creek.	Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA.
Palos Verdes SMCA_TopB_01	Intended LOP: High	None Specified	Protect rocky intertidal Prevent rebuilding abalone populations Prevent illegal harvest of abalone Study old abalone cove MPA by reopening half of the old small MPA	None Specified
Palos Verdes Scientific 1 SMCA_TopB_01	None	None Specified	Test trophic cascade theory	None Specified
Palos Verdes Science 2 SMCA_TopB_01	None	None Specified	Test trophic collapse of sea urchins Work with university or private research company to test SAT recommendations	None Specified
Point Fermin_SMCA_TopB_01	None	None Specified	None Specified	None Specified
Bolsa Chica_SMP_TopB_01	Boating, swimming, wading, and diving are prohibited. Other regulations exist regarding: time of entry, accessible areas and allowed management activities.	None Specified	None Specified	None Specified
Upper Newport Estuary SMCA_TopB_01	None	G1: (O-5)	wetlands improve water quality	Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA.

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations
Crystal Cove SMCA TopB 01	5347	South Mainland	See MarineMap	SMCA	Low	Kelp Bass: Spear: recreational, Kelp Bass: Hook and Line: recreational, Barred Sand Bass: Hook and Line: recreational, Barred Sand Bass: Spear: recreational, Lobster: Traps / Pots: commercial, Lobster: Hoop Net: recreational, Lobster: Diving: recreational, Urchin: Diving: recreational, Urchin: Diving: commercial, White Seabass: Spear: recreational Allow lobster, sea urchin and recreational sport fishing. Allow kelp restoration by moving purple sea urchins.
Laguna Beach_SMCA_TopB_01	5322	South Mainland	See MarineMap	SMCA	Mod-Low	Allowable uses should include fishing for pelagic finfish, white sea bass & bonito using spear and H & L > 50m
Laguna Scientific 2 SMCA TopB_01	5335	South Mainland	See MarineMap	SMCA	Mod-Low	Urchin: Diving: commercial
Laguna Scientific 1 SMCA TopB_01	5334	South Mainland	See MarineMap	SMCA	Mod-Low	Lobster: Traps / Pots: commercial
Laguna South Tide Pool SMCA_TopB_01	5318	South Mainland	See MarineMap	SMCA	Mod-Low	Kelp Bass: Spear: recreational, Kelp Bass: Hook and Line: recreational, Barred Sand Bass: Hook and Line: recreational, Barred Sand Bass: Spear: recreational, Lobster: Traps / Pots: commercial, Lobster: Hoop Net: recreational, Lobster: Diving: recreational, Urchin: Diving: recreational, Urchin: Diving: commercial, White Seabass: Spear: recreational, shore based fishing
Dana Point SMCA_TopB_01	5350	South Mainland	See MarineMap	SMCA	Mod-Low	Kelp Bass: Hook and Line: recreational, Lobster: Traps / Pots: commercial, Lobster: Diving: recreational, Urchin: Diving: commercial, spear fishing and hook and line sport fishing is allowed.

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Crystal Cove SMCA TopB 01	No single use water cooling allowed	G1: (O-1,O-5), G2: (O-1,O-2,O-4), G3: (O-1,O-2,O-3), G5: (O-1,O-2), G6: (O-1,O-3)	Protect Tidepools rebuild abalone populations Improve water quality	Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA.
Laguna Beach_SMCA_TopB_01	Allow all sport fishing that will keep High LOP or greater	None Specified	Rocky intertidal, kelp restoration, deep sand, deep rock, shallow sand. Minimize negative economic impact on sustainable local day boat trap and dive fisheries. Retain cultural heritage of small day boat fisherman. Reduce and maintain carbon footprint (compare to other proposals in the same geographic area).	Avoid proximity to harbors and minimize socioeconomic impacts.
Laguna Scientific 2 SMCA TopB_01	None	None Specified	Test trophic cascade. Allow only sea urchin harvest.	None Specified
Laguna Scientific 1 SMCA TopB_01	None	None Specified	Test Trophic cascade. Allow lobster harvest. No sea urchin harvest. Test turf management with fishermen and scientists cooperating.	None Specified
Laguna South Tide Pool SMCA_TopB_01	None	None Specified	Protect tidepools	None Specified
Dana Point SMCA_TopB_01	None	G1: (O-1,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G5: (O-1,O-2), G6: (O-1,O-2)	Create research opportunity to study and test a Territorial User Privilege Area (TUPA). Management program would be established for area that restricts access to fishermen who meet some qualifications regarding historical fishing and also agree to take on some management duties. TUPA would serve as transition to community based ecosystem management & allow for reduction in transition costs since fishermen would take on duties of data collection, management & enforcement. Test idea with commercial sea urchin divers first & could be tried later with commercial lobster trappers. Would replace two current SMCAs of Dana Point & Salt Creek. Area would protect all other invertebrate species such as kelleys, whelks, top shells, limpets, sea cucumbers & abalone	Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA.

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Doheny Beach SMCA_TopB_01	5337	South Mainland	See MarineMap	SMCA	Moderate	shore based fishing
Agua Hedionda Lagoon SMR_TopB_01	5605	South Mainland	See MarineMap	SMR	Very High	All take is prohibited
Batiquitos Lagoon_SMR_TopB 01	5607	South Mainland	As is	SMR	Very High	All take is prohibited
San Elijo Lagoon SMR_TopB 01	5338	South Mainland	See MarineMap	SMR	Very High	All take is prohibited
Del Mar North SMCA TopB 01	5346	South Mainland	See MarineMap	SMCA	Mod-Low	Lobster: Traps / Pots: commercial, Urchin: Diving: commercial, sport fishing, and all moderate low and up LOP use allowed
Del Mar SMR TopB 01	5342	South Mainland	See MarineMap	SMR	Very High	All take is prohibited
Del Mar South SMCA TopB 01	5321	South Mainland	See MarineMap	SMCA	Moderate	allow purse sein harvest of live bait allow surf fishing
San Dieguito Lagoon SMR TopB 01	5331	South Mainland	See MarineMap	SMR	Very High	All take is prohibited
Carmel Valley SMR TopB 01	5343	South Mainland	See MarineMap	SMR	Very High	All take is prohibited
La Jolla North SMR TopB 01	5339	South Mainland	See MarineMap	SMR	Very High	All take is prohibited

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MPA Name	Other Proposed Regulations	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Doheny Beach SMCA_TopB_01	None Specified	None Specified	Water quality improvement area	None Specified
Agua Hedionda Lagoon SMR_TopB_01	None Specified	None Specified	None Specified	None Specified
Batiquitos Lagoon_SMR_TopB_01	None Specified	None Specified	None Specified	None Specified
San Elijo Lagoon SMR_TopB_01	None Specified	None Specified	Protect estuary	None Specified
Del Mar North SMCA TopB 01	Intended LOP: Moderate Low	G1: (O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1), G5: (O-1,O-3,O-4), G6: (O-1,O-3)	protect species from commercial harvest except sea urchin and lobster Lobster and sea urchins appear to be stable sustainable fisheries Require scientific data collecting by all commercial harvesters Develop local turf management for lobsters and sea urchins Protect and rebuild populations of abalone, black sea bass, bat rays, whelks, top shells, limpets, eels, sharks, etc minimize negative economic impact	Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA.
Del Mar SMR TopB 01	sand replenishment beach nourishment	G1: (O-3,O-5), G2: (O-1,O-2,O-3), G4: (O-1,O-2)	rebuild rockcod populations improve water quality deep rock deep sand shallow rock shallow sand kelp beds rocky shore eel grass (rhyllospadix)	None Specified
Del Mar South SMCA TopB 01	None Specified	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-2), G5: (O-1), G6: (O-1,O-2,O-3)	create cluster with del mar mpa minimize negative economic impacts	None Specified
San Dieguito Lagoon SMR TopB 01	keep tidal flows open	None Specified	wetland habitat birds	None Specified
Carmel Valley SMR TopB 01	No once through cooling allowed Dredging allowed to keep channels to ocean open for tidal flushing	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-2), G4: (O-1), G5: (O-3,O-4), G6: (O-3,O-4)	Nursery, habitat, wetlands, migratory birds Water quality improvement	Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA
La Jolla North SMR TopB 01	None Specified	None Specified	Add additional protection to this MPA	None Specified

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Point Loma SMCA TopB 01	5319	South Mainland	See MarineMap	SMCA	Mod-Low	Urchins: Diving: commercial Commercial lobster by trapping Sport lobster by diving
South San Diego Bay_SMCA_TopB_02	5325	South Mainland	See MarineMap	SMCA	Mod-high	Kelp Bass: Hook and Line: recreational, Barred Sand Bass: Hook and Line: recreational, Spotted Sandbass: Hook and Line: recreational, catch and release: barbess hooks and artificial lures: recreational
Imperial Beach SMCA_TopB_01	5351	South Mainland	See MarineMap	SMCA	Mod-Low	Kelp Bass: Hook and Line: recreational, Barred Sand Bass: Hook and Line: recreational, Lobster: Traps / Pots: commercial, Lobster: Diving: recreational, Pelagic Finfish: Spear: recreational, White Seabass: Spear: recreational, live bait: purse sein, sea urchins: commercial, lobsters: commercial, and crab: commercial.
Imperial Beach Wetlands SMR TopB 01	5323	South Mainland	See MarineMap	SMR	Very High	All take is prohibited
Catalina Isthmus SMCA TopB 01	5344	East Channel Islands	See MarineMap	SMCA	Low	Kelp Bass: Spear: recreational, Kelp Bass: Hook and Line: recreational, Barred Sand Bass: Hook and Line: recreational, Spotted Sandbass: Hook and Line: recreational, Pelagic Finfish: Spear: recreational, Pacific Bonito: Spear: recreational, White Seabass: Spear: recreational, all sport fishing allowed
Catalina Inside SMCA TopB 02	6049	East Channel Islands	See MarineMap	SMCA	Mod-Low	Pelagic sport fishing, Pelagic Finfish: Spear: recreational
Catalina Harbor_SMP_TopB 01	5611	East Channel Islands	Approximate	SMP	Moderate	Kelp harvest only by hand
Catalina Farnsworth SMR TopB 01	5328	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited

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Point Loma SMCA TopB 01	Entry limited to licenced commerical lobster and sea urchin fishermen who had a san diego county address as of 1-1-09. This privilege is grandfathered until death. Surfing. Underwater photography.	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-2,O-3), G4: (O-1), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3)	protect tide pools improve water quality protect recovering abalone populations from illegal harvest prevent lobster traps from washing up on the beach	None Specified
South San Diego Bay_SMCA_TopB_02	None Specified	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Good combination of resources- eelgrass, seahorses, birds, turtles, shallow water habitat. improve water quality	Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA.
Imperial Beach SMCA_TopB_01	None Specified	G2: (O-1,O-2,O-3,O-4), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3)	Connectivity between estuarine and coastal habitats. Protect kelp from sea urchin overgrazing. Protect abalone populations from illegal harvest. Protect and rebuild black sea bass populations. Limited commercial harvest with data collection required while harvesting. Develop turf local management. Fishermen help with monitoring and enforcement.	Fishermen eyes and ears will protect this MPA from illegal activity. This area is adjacent to the international border and extra eyes and ears may be in the national security interest. Additional notes: Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA.
Imperial Beach Wetlands SMR TopB 01	None Specified	G1: (O-1,O-3,O-4,O-5), G2: (O-3), G3: (O-2,O-3), G4: (O-1,O-2), G5: (O-5), G6: (O-4)	Protect wetlands. Improve water quality.	Keep tidal flow. Additional notes: Recommend to the MLPA Blue Ribbon Task Force that they coordinate with the California State Water Resources Control Board to designate this area a state water quality protection area under the MMAIA.
Catalina Isthmus SMCA TopB 01	None Specified	G1: (O-1,O-2), G2: (O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2), G6: (O-1,O-3,O-4)	Include present invertebrate closure and the MPA around the USC marine lab. The current MPA at the marine lab would be maintained. In the remaining areas sport fishing is allowed. Sport fishing is an important part of the Catalina cultural heritage and should be allowed as a sustainable sport fishery	None Specified
Catalina Inside SMCA TopB 02	Intended LOP: high	None Specified	deep rock rock cod	None Specified
Catalina Harbor_SMP_TopB 01	None Specified	None Specified	None Specified	None Specified
Catalina Farnsworth SMR TopB 01	Moorings can be established by responsible agencies.	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G4: (O-1), G5: (O-2,O-3), G6: (O-4)	Protect purple hydrocoral and all associated marine life on this unique habitat of a offshore pinnacle. In order to protect the fragile hydrocoral NO anchoring is allowed.	This site is ideal for underwater photography, but the purple hydrocoral must be protected from habitat damage from anchoring, so moorings must be established.

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Created March 4, 2009
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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations
Lover's Cove_SMCA TopB 01	5837	East Channel Islands	See MarineMap	SMCA	Low	Prohibits all recreational take. Prohibits all commercial take except for kelp and finfish.
Pending Military Closure SNI 01	5512	West Channel Islands	See MarineMap	Undesignated	Very High	No take, no entry
Pending Military Closures SCI 1 01	5513	East Channel Islands	See MarineMap	Undesignated	Very High	No take, no entry
Pending Military Closures SCI 2 01	5514	East Channel Islands	See MarineMap	Undesignated	Very High	No take, no entry
Richardson Rock_SMR	5305	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
Judith Rock SMR	5316	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
Harris Point SMR	5306	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
South Point SMR	5315	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
Carrington Point SMR	5308	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
Skunk Point SMR	5314	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
Painted Cave SMCA	5309	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish
Gull Island SMR	5307	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
Scorpion SMR	5310	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
Footprint SMR	5313	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
Anacapa Island SMCA	5311	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish and the commercial take of spiny lobster.
Anacapa Island SMR	5312	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited
Santa Barbara Island SMR	5317	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve
TBD = To be determined

Bioregions:

1. North Mainland (Point Conception to Marina Del Rey)
2. South Mainland (Marina del Rey to the U.S.-Mexico border)
3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands)
4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara island)
5. East Channel Islands (Santa Catalina and San Clemente islands)

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Created March 4, 2009
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MPA Name	Other Proposed Regulations	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Lover's Cove_SMCA TopB 01	None Specified	None Specified	None Specified	None Specified
Pending Military Closure SNI 01	None Specified	None Specified	None Specified	None Specified
Pending Military Closures SCI 1 01	None Specified	None Specified	None Specified	None Specified
Pending Military Closures SCI 2 01	None Specified	None Specified	None Specified	None Specified
Richardson Rock_SMR	None Specified	N/A	N/A	N/A
Judith Rock SMR	None Specified	N/A	N/A	N/A
Harris Point SMR	None Specified	N/A	N/A	N/A
South Point SMR	None Specified	N/A	N/A	N/A
Carrington Point SMR	None Specified	N/A	N/A	N/A
Skunk Point SMR	None Specified	N/A	N/A	N/A
Painted Cave SMCA	None Specified	N/A	N/A	N/A
Gull Island SMR	None Specified	N/A	N/A	N/A
Scorpion SMR	None Specified	N/A	N/A	N/A
Footprint SMR	None Specified	N/A	N/A	N/A
Anacapa Island SMCA	None Specified	N/A	N/A	N/A
Anacapa Island SMR	None Specified	N/A	N/A	N/A
Santa Barbara Island SMR	None Specified	N/A	N/A	N/A

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Description of Marine Protected Areas (MPAs) in Draft External MPA Proposal A
Created February 18, 2009
Revised March 18, 2009

MLPA Study Region: South Coast
Name: External Proposal A_Round 1_090311
Author: Fishermen's Information Network
Revised: March 18, 2009

Total number of MPAs/closures: 40
 Number of SMRs: 21
 Number of SMCAs: 13
 Number of SMPs: 4
 Number of Military Closures: 2

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
DevereuxLagoon_SMR_FICFIN	5418	North Mainland	See MarineMap	SMR	Very High	All take is prohibited.	None Specified
CampusPoint_SMR_FICFIN	5423	North Mainland	See MarineMap	SMR	Very High	All take is prohibited.	None Specified
Goleta Slough_SMCA_FICFIN	5408	North Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except for hook and line take of species other than marine aquatic plants. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist on accessible areas.
MuguLagoon_SMCA_FICFIN	5419	North Mainland	See MarineMap	SMCA	Low	None Specified	Possible consideration for cultural gathering of plant material for making traditional weaved baskets.
BigSycamoreCanyon_SMR_FICFIN	5417	North Mainland	See MarineMap	SMR	Very High	All take is prohibited.	None Specified
Malibu_SMR_FICFIN	5421	North Mainland	See MarineMap	SMR	Very High	All take is prohibited.	None Specified
PortugueseBend_SMCA_FICFIN	5429	South Mainland	See MarineMap	SMCA	High	Coastal Pelagic Finfish: Pelagic Seine: commercial	We have had to remove some allowed uses from the form field above until they have been assigned a level of protection by the SAT. We have moved them to this field for your records:
Point Fermin	5406	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except finfish and lobster only Prohibits all commercial take.	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
DevereuxLagoon_SMR_FICFIN	G1: (O-1,O-2,O-3,O-4), G2: (O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-3,O-4)	Estuary environment opening into proposed SMR area to provide connectivity for larvae and juveniles of marine species. Closeness to research facilities at UCSB.	No real social-economic impact as this area is not heavily used for commercial or recreational extractive activities.
CampusPoint_SMR_FICFIN	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	This area though valuable for fishing interest contains a wide variety of habitat including many oil seeps. Proximity to UCSB campus provides multiple educational and research opportunities. Multiple species inhabit this area and entrance to an estuarine environment is covered by this MPA.	This MPA above all others has high educational value. Even though the economic impact of this area is high it keeps safer more important areas such as Naples and Carpenteria open to local fishing interests. Some connectivity to the Central Coast network may also be afforded by this location. Some concern over current kelp lease in this area.
Goleta Slough_SMCA_FICFIN	None Specified	None Specified	None Specified
MuguLagoon_SMCA_FICFIN	G1: (O-1,O-2,O-3,O-4), G2: (O-1,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Include estuary environment for larvae and juveniles of marine species while providing protection for education and study.	Area is designated as an SMCA that will allow shore fishing that occurs at the base recreation enter at the opening of the lagoon. Minimal social-economic impact while providing habitat protection.
BigSycamoreCanyon_SMR_FICFIN	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Covers current Big Sycamore Canyon SMR conforming to feasibility. Only area of pristine coastline in the region with a clean watershed. Leaves Mugu lagoon entrance which serves as a recreation area for the base open for the enjoyment of those that fish there. Provides connectivity along the network with valuable habitat.	Economic impact lessened by distance from harbors.
Malibu_SMR_FICFIN	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	This MPA covers area within Santa Monica bay by Malibu which provides for some habitat protection inside the Santa Monica Bay. Leaves pier open for local fishermen while protecting local habitat. Provides connectivity through the network to the other MPA areas.	Area has small near shore reefs that provide habitat for fish and large areas of soft bottom for halibut and juvenile rockfish. Bottlenose dolphins also frequent this area foraging on large schools of bait fish.
PortugueseBend_SMCA_FICFIN	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	This MPA contains wide variety of habitat from shallow to deep including south facing headland environment. Easily distinguished mark the ends and Abalone Cove SMP is also replaced by this MPA which follows DFG feasibility guidelines. MPA protects area while still allowing bait seining fleet activities due to high economic value of fishery. Access by foot limited due to long trails and distance from harbors lowers recreational fishing pressure.	Seine fleet uses area for 50% of income therefore this activity will be allowed. Area may also contain hydrothermal vents and oil seeps. MPA minimizes commercial economic impact while keeping safe areas closer to harbors open for recreational fishermen.
Point Fermin	None Specified	None Specified	None Specified

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Bolsa Chica	5407	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: time of entry, accessible areas and allowed management activities.
Upper Newport Bay	5410	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except hook and line take of species other than kelp. Prohibits all commercial take.	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees.
CrystalCove_SMCA_FICFIN	5424	South Mainland	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except: A) Recreational: 1) Spiny lobster 2) Finfish by hook and line or spearfishing gear only B) Commercial: Spiny Lobster, crab, sea urchin, and finfish only	None Specified
Laguna_SMR_FICFIN	5422	South Mainland	See MarineMap	SMR	Very High	All take is prohibited.	None Specified
LagunaCoast_SMCA_FICFIN	5425	South Mainland	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except: A) Recreational: 1) Spiny lobster 2) Finfish by hook and line or spearfishing gear only B) Commercial: Spiny Lobster, crab, sea urchin, and finfish only	None Specified
DanaPoint_SMCA_FICFIN	5426	South Mainland	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except: A) Recreational: 1) Spiny lobster 2) Finfish by hook and line or spearfishing gear only B) Commercial: Spiny Lobster, crab, sea urchin, and finfish only	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Bolsa Chica	None Specified	None Specified	None Specified
Upper Newport Bay	None Specified	None Specified	None Specified
CrystalCove_SMCA_FICFIN	G3: (O-1,O-2,O-3)	Modified the existing boundaries of Crystal Cove SMCA and simplified take regulations. Very important as a goal 3 MPA as local educational programs and enforcement efforts maintain this area. Boundaries have been created following feasibility guidelines of recognizable points and offshore whole minute lat/long corner connected by straight lines. Main goal is to preserve protection of inter-tidal species which local educational, recreational, and enforcement activities are based.	None Specified
Laguna_SMR_FICFIN	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Most habitats required for replication, from shallow to deep are contained inside this MPA. Placement of this MPA may replace hodgepodge of current SMCA areas along the coast. Equidistant between Dana and Newport harbors leaves safe areas close to both harbors open.	This MPA represents a large compromise of fishing interests in the area and cannot be moved or expanded without major economical impacts to the local sport and commercial interests. Lobster fishermen are heavily impacted in this area by closing Pinnacles and Arches. In addition this keeps areas of high recreational impact such as Salt Creek, Seal rock, and Woods Cove open for local fishermen.
LagunaCoast_SMCA_FICFIN	G3: (O-1,O-2,O-3)	Modified the existing boundaries of Laguna Coast SMCA and simplified take regulations. Very important as a goal 3 MPA as local educational programs and enforcement efforts maintain this area. Boundaries have been created following feasibility guidelines of recognizable points and offshore whole minute lat/long corner connected by straight lines. Main goal is to preserve protection of inter-tidal species which local educational, recreational, and enforcement activities are based.	None Specified
DanaPoint_SMCA_FICFIN	G3: (O-1,O-2,O-3)	Modified the existing boundaries of Dana Point SMCA and simplified take regulations. Very important as a goal 3 MPA as local educational programs and enforcement efforts maintain this area. Boundaries have been created following feasibility guidelines of recognizable points and offshore permanent buoy corner connected by straight lines. Main goal is to preserve protection of inter-tidal species which local educational, recreational, and enforcement activities are based.	None Specified

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
DohenyBeach_SMCA_FICFIN	5420	South Mainland	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except: A) Recreational: 1) Spiny lobster 2) Finfish by hook and line or spearfishing gear only B) Commercial: Spiny Lobster, crab, sea urchin, and finfish only	None Specified
BatiquitosLagoon_SMP_FICFIN	5427	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.
San Elijo Lagoon	5411	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.
DelMar_SMR_FICFIN	5428	South Mainland	See MarineMap	SMR	Very High	All take is prohibited.	None Specified
San Dieguito Lagoon	5416	South Mainland	See MarineMap	SMR	Very High	All take is prohibited.	Other restrictions exist regarding: boating, swimming, wading, diving, access to the California least tern island hours of entry, and allowed management activities.
San Diego-Scripps	5413	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except finfish. Prohibits all commercial take except finfish.	Allowances for scientific collection.
La Jolla	5409	South Mainland	See MarineMap	SMR	Very High	All take is prohibited.	Restrictions exist regarding: boat launching areas and anchoring times
Mia J Tegner	5412	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except finfish. Prohibits all commercial take except for finfish and marine aquatic plants.	None Specified
Catalina Marine Science Center	5405	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited.	Restrictions exist regarding: anchoring or mooring vessels, and scientific collection.

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
DohenyBeach_SMCA_FICFIN	G3: (O-1,O-2,O-3)	Modified the existing boundaries of Doheny Beach SMCA and simplified take regulations. Very important as a goal 3 MPA as local educational programs and enforcement efforts maintain this area. Boundaries have been created following feasibility guidelines of recognizable points connected by a straight line. Main goal is to preserve protection of intertidal species which local educational, recreational, and enforcement activities are based.	None Specified
BatiquitosLagoon_SMP_FICFIN	G1: (O-1,O-3,O-4), G2: (O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-3,O-4)	Maintain the current regulations and uses. Only created to correct a mapping error that does not include the entire lagoon area below mean high tide. The entire area is managed by the DFG however a mapping mistake was made in only including DFG lands. DFG leases the remaining land and manages the area in its entirety.	None Specified
San Elijo Lagoon	None Specified	None Specified	None Specified
DelMar_SMR_FICFIN	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	Area ties in two important estuaries and ties together many habitats from shallow to deep. Compared to other regions in SD area, it is the only area that incorporates the true oceanic 100 fathom curve with rock structure and pinnacles, open to water flow from the open ocean. It is an underwater headland, allowing large coastal pelagics-swordfish, striped marlin, thresher sharks, white sharks, mako sharks easy access to inshore feeding and spawning grounds. This is also true for benthic fauna. The area provides Rockfish (Sebastes) spawning grounds, adult resting and feeding areas as well as larval settling area and juvenile feeding grounds.	Area is equidistant, but off the direct course line, from the ports of Oceanside and Mission Bay. This will reduce the impact of poaching, pollution and inadvertent habitat destruction by transiting commercial and recreational vessels. Area is well marked by estuary mouths and provides a link between two important lagoons, one of which is presently being developed as a mitigation project. Substantially sheltered from the effects of winter storms by the presence offshore of Catalina and San Clemente islands. This SMR is adjacent to the existing Torrey Pines State Park. Entire SMR is visible from a single point on land for enforcement.
San Dieguito Lagoon	None Specified	None Specified	None Specified
San Diego-Scripps	None Specified	None Specified	None Specified
La Jolla	None Specified	None Specified	None Specified
Mia J Tegner	None Specified	None Specified	None Specified
Catalina Marine Science Center	None Specified	None Specified	None Specified

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Lover's Cove	5414	East Channel Islands	See MarineMap	SMCA	Low	Prohibits all recreational take. Prohibits all commercial take except for kelp and finfish.	None Specified
Farnsworth Bank	5415	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited.	None Specified
Pending Military Closures SCI 1 copy	5979	East Channel Islands	See MarineMap	Undesignated	Very High	None Specified	None Specified
Pending Military Closures SCI 2 copy	5981	East Channel Islands	See MarineMap	Undesignated	Very High	None Specified	None Specified
Richardson Rock_SMR	5305	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Judith Rock SMR	5316	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Harris Point SMR	5306	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
South Point SMR	5315	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carrington Point SMR	5308	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Skunk Point SMR	5314	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Painted Cave SMCA	5309	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish	None Specified
Gull Island SMR	5307	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Scorpion SMR	5310	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Footprint SMR	5313	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Anacapa Island SMCA	5311	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish and the commercial take of spiny lobster	None Specified
Anacapa Island SMR	5312	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Santa Barbara Island SMR	5317	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve
TBD = To be determined

Bioregions:

1. North Mainland (Point Conception to Marina Del Rey)
2. South Mainland (Marina del Rey to the U.S.-Mexico border)
3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands)
4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands)
5. East Channel Islands (Santa Catalina and San Clemente islands)

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Lover's Cove	None Specified	None Specified	None Specified
Farnsworth Bank	None Specified	None Specified	None Specified
Pending Military Closures SCI 1 copy	None Specified	None Specified	None Specified
Pending Military Closures SCI 2 copy	None Specified	None Specified	None Specified
Richardson Rock_SMR	N/A	N/A	N/A
Judith Rock SMR	N/A	N/A	N/A
Harris Point SMR	N/A	N/A	N/A
South Point SMR	N/A	N/A	N/A
Carrington Point SMR	N/A	N/A	N/A
Skunk Point SMR	N/A	N/A	N/A
Painted Cave SMCA	N/A	N/A	N/A
Gull Island SMR	N/A	N/A	N/A
Scorpion SMR	N/A	N/A	N/A
Footprint SMR	N/A	N/A	N/A
Anacapa Island SMCA	N/A	N/A	N/A
Anacapa Island SMR	N/A	N/A	N/A
Santa Barbara Island SMR	N/A	N/A	N/A

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Created February 18, 2009
Revised March 18, 2009

MLPA Study Region: South Coast
Name: External Proposal B_Round 1_090311
Author: United Anglers of Southern California
Revised: March 18, 2009

Total number of MPAs/closures: 51
 Number of SMRs: 18
 Number of SMCAs: 23
 Number of SMPs: 7
 Number of Military Closures: 3
Total number of SMRMs: 2

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Refugio SMCA	4834	North Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except for chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, worms, and finfish. Prohibits all commercial take except for algae (except giant kelp and bull kelp); crabs, ghost shrimp, jackknife clams, sea urchins, worms, and finfish.	None Specified
Coal Oil Point SMCA	4827	North Mainland	See MarineMap	SMCA	High	pelagic fishing with hook and line, coastal pelagic fishing with seine, dipnet, crowder, or hook and line and white seabass and bonito	None Specified
Coal Oil Point SMR	4819	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Goleta Slough SMP	4842	North Mainland	See MarineMap	SMP	Low	Prohibits all recreational take except for hook and line take of species other than marine aquatic plants. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist on accessible areas.
Mugu Canyon SMCA	4829	North Mainland	See MarineMap	SMCA	High	Squid	None Specified
Point Mugu SMCA	4828	North Mainland	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the commercial and recreational take of pelagic finfish by hook and line and coastal pelagic finfish by hook and line and seine, white seabass, and bonito, halibut, and squid. Shore fishing permitted.	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Refugio SMCA	None Specified	None Specified	None Specified
Coal Oil Point SMCA	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	To extend benthic protections offshore from the Coal Oil Point while preserving access and opportunities for pelagics	None Specified
Coal Oil Point SMR	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-2,O-3,O-4)	SMR covers oil seep habitats and is located adjacent to UCSB	None Specified
Goleta Slough SMP	None Specified	None Specified	None Specified
Mugu Canyon SMCA	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	To provide protection of rare canyon habitat while providing surface opportunities for commercial and recreational fishermen.	None Specified
Point Mugu SMCA	G1: (O-2), G2: (O-2,O-3,O-4), G3: (O-1,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Add additional protection to lagoon mouth and Mugu Canyon while preserving the access and opportunities developed for the public immediately on both sides of Pt Mugu.	None Specified

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Big Sycamore Canyon SMR	4817	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	Swimming, wading, diving, or using any diving equipment are prohibited (exceptions apply). Other restrictions exist regarding: boating, firearms, public entry, pesticides/herbicides, litter, aircraft pets and scientific collection.
Portuguese Bend SMCA	4824	South Mainland	See MarineMap	SMCA	High	SMCA's include pelagic fishing with hook and line, coastal pelagic fishing with seine, dipnet, crowder, or hook and line and white seabass and bonito	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)
Portuguese Bend SMR	4823	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-2,O-3,O-4)
Point Fermin SMP	4835	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish shall only be taken by hook and line or spear. Prohibits all commercial take.	None Specified
Bolsa Chica SMP	4851	South Mainland	See MarineMap	SMP	Low	Prohibits take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: time of entry, accessible areas and allowed management activities.
Upper Newport Bay SMP	4350	South Mainland	See MarineMap	SMP	Low	Prohibits all recreational take except hook and line take of species other than kelp. Prohibits all commercial take.	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees.
Robert E Badham SMCA	4833	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish shall only be taken by hook and line or spear. Prohibits all commercial take except lobster.	None Specified

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Big Sycamore Canyon SMR	None Specified	None Specified	None Specified
Portuguese Bend SMCA	To extend benthic protections offshore from the Portuguese Bend SMR while preserving access and opportunities for pelagic species.	None Specified	None Specified
Portuguese Bend SMR	Strong diversity of habitat while avoiding close proximity to ports.	None Specified	None Specified
Point Fermin SMP	None Specified	None Specified	None Specified
Bolsa Chica SMP	None Specified	None Specified	None Specified
Upper Newport Bay SMP	None Specified	None Specified	None Specified
Robert E Badham SMCA	None Specified	None Specified	None Specified

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Crystal Cove SMCA	4848	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, worms, and finfish. Prohibits all commercial take except algae (except giant kelp and bull kelp); crabs, ghost shrimp, jackknife clams, sea urchins, and worms, and finfish.	None Specified
Irvine Coast SMCA	4841	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish shall be taken only by hook and line or by spear. Prohibits all commercial take except lobster.	None Specified
Laguna SMCA	4822	South Mainland	See MarineMap	SMCA	Mod-Low	SMCA's include pelagic fishing with hook and line, coastal pelagic fishing with seine, dipnet, crowder, or hook and line and white seabass and bonito	None Specified
Laguna SMR	4821	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Niguel SMCA	4836	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.	None Specified

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Crystal Cove SMCA	None Specified	None Specified	None Specified
Irvine Coast SMCA	None Specified	None Specified	None Specified
Laguna SMCA	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-2,O-3,O-4), G3: (O-1), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	To extend benthic protections offshore from the Laguna SMR while preserving access and opportunities for pelagic species.	None Specified
Laguna SMR	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-2,O-3), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-2,O-3,O-5), G6: (O-2,O-3,O-4)	Encompasses a wide diversity of habitats and areas identified for conservation needs	None Specified
Niguel SMCA	None Specified	None Specified	None Specified

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Dana Point SMCA	4846	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take between mean high tide and the low-lower water mark. Below the low lower water mark the following species may be taken recreationally: lobster, rockfish, greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, Corbina, white seabass, opaleye, halfmoon, surfperch, blacksmith, barracuda, sheephead, bonito, California halibut, sole, turbot, and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.	Restrictions exist regarding: take and impact in the intertidal zone, scientific collection, and allowed management activities.
Doheny SMCA	4845	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, and worms, and finfish. Commercial take is allowed.	None Specified
Doheny Beach SMCA	4844	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.	None Specified
Agua Hedionda Lagoon SMR	4853	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	Restrictions exist regarding: allowed management activities.
Batiquitos Lagoon SMP	4852	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.
Encinitas SMCA	4843	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except finfish. Prohibits all commercial take except for finfish.	None Specified
Cardiff-San Elijo SMCA	4850	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, and worms and finfish. Allows all commercial take.	None Specified

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Dana Point SMCA	None Specified	None Specified	None Specified
Doheny SMCA	None Specified	None Specified	None Specified
Doheny Beach SMCA	None Specified	None Specified	None Specified
Agua Hedionda Lagoon SMR	None Specified	None Specified	None Specified
Batiquitos Lagoon SMP	None Specified	None Specified	None Specified
Encinitas SMCA	None Specified	None Specified	None Specified
Cardiff-San Elijo SMCA	None Specified	None Specified	None Specified

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San Elijo Lagoon SMP	4830	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activities.
Del Mar SMCA	4820	South Mainland	See MarineMap	SMCA	Mod-Low	SMCA's include pelagic fishing with hook and line, coastal pelagic fishing with seine, dipnet, crowder, or hook and line and white seabass and bonito	None Specified
Del Mar SMR	4825	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
San Dieguito Lagoon SMP	4831	South Mainland	See MarineMap	SMP	Mod-Low	Prohibits all recreational take except finfish by hook and line from shore and the Grand Avenue bridge. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: boating, swimming, wading, diving, access to the California least tern island, hours of entry, and allowed management activities.
San Diego-Scripps SMCA	4832	South Mainland	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except finfish. Prohibits all commercial take except finfish.	Allowances for scientific collection.
La Jolla SMCA	4840	South Mainland	See MarineMap	SMCA	High	Prohibits all recreational take. Prohibits all commercial take except for squid for the purpose of bait by hand-held scoop net west of a line drawn due north from Goldfish Point.	Restrictions exist regarding: boat launching areas and anchoring times.
Mia J Tegner SMCA	4837	South Mainland	See MarineMap	SMCA	Low	Prohibits all recreational take except finfish. Prohibits all commercial take except for finfish and marine aquatic plants.	None Specified
Catalina Marine Science Center SMR	4849	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	Restrictions exist regarding: anchoring or mooring vessels, and scientific collection.
Lover's Cove SMCA	4839	East Channel Islands	See MarineMap	SMCA	Low	Prohibits all recreational take. Prohibits all commercial take except for kelp and finfish.	None Specified
Charles F Holder Catalina SMRMA	4816	East Channel Islands	See MarineMap	SMRMA	Low	Kelp Bass: Hook and Line: recreational, Sheephead: Hook and Line: recreational All existing uses plus an upper limit on retention for sheephead and kelp bass, no retention for these species over 17" in overall length.	None Specified

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San Elijo Lagoon SMP	None Specified	None Specified	None Specified
Del Mar SMCA	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-2,O-3,O-4), G3: (O-1), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	To extend benthic protections offshore from the Del Mar SMR while preserving access and opportunities for pelagic species.	None Specified
Del Mar SMR	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-2,O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-2,O-3,O-4)	Connects two estuary systems	None Specified
San Dieguito Lagoon SMP	None Specified	None Specified	None Specified
San Diego-Scripps SMCA	None Specified	None Specified	None Specified
La Jolla SMCA	None Specified	None Specified	None Specified
Mia J Tegner SMCA	None Specified	None Specified	None Specified
Catalina Marine Science Center SMR	None Specified	None Specified	None Specified
Lover's Cove SMCA	None Specified	None Specified	None Specified
Charles F Holder Catalina SMRMA	G1: (O-2,O-3,O-4), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Charles F. Holder Catalina State Marine Recreational Management Area (SMRMA) is offered to serve large # of objectives that are accorded by marine managed areas and to recognize value of these approaches in designing MPAs for South Coast Study Region (SCSR). Catalina Island sits centrally in SCSR & has a rich cultural fishing history combined with huge recreational fishing utilization. Shape of SMRMA includes all state waters surrounding the island. Implementation of SMRMA would include at least 2 new management measures that have successful record in addressing life history issues likely to contribute to achieving MLPA objectives; approaches have robust history of success in filling out age classes that have been implicated as a concern about indirect fishery impacts on habitats. SMRMA, in conjunction with catch & release areas, directly addresses both aspects of concern of age structure changes & population density. Cultural Heritage: Catalina represents most historical location within worldwide culture of recreational fishing. Was site of first recreational catches of big game fishes.	Catalina is the birthplace of big game sportfishing. The Avalon Tuna club was the world's first fishing club founded in 1998 dedicated to big game sportfishing, conservation. Charles F. Holder was the founder of the tuna club and spread its fame through his writings. His writings to this day inspire many new recreational fishermen. Two Presidents became members in 1999. Teddy Roosevelt (a future President) and Grover Cleveland (a past president). Catalina is the center of the world's sportfishing

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Charles F Holder Catalina SMRMA (continued)	4816						
Charles F Holder Catalina SMRMA (continued)	4816						
Charles F Holder Catalina SMRMA (continued)	4816						
Charles F Holder Catalina SMRMA (continued)	4816						

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Charles F Holder Catalina SMRMA (continued)		<p>First tuna caught by an angler to receive public acclaim was 183 lb. bluefin taken in 1898. A 251 lb. bluefin, the largest yet taken using sporting tackle, was caught in 1899. In 1903, first striped marlin caught with rod & reel taken off Catalina Island. First swordfish taken by angler caught in 1913, using kite to present bait & prototype disc clutch reel to land fish. Avalon became first town in world founded upon & 100% dependent upon recreational fishing. Over subsequent 5 decades starting from about 1880, Catalina became most celebrated place for recreational fishermen to visit. No other place in world has richer cultural marine recreational fishing history than Catalina. (PFMC HMS)</p> <p>Recreational Interest: Catalina is centrally located off coastline of densely populated Los Angeles County. As county has grown to one of nation's most densely populated metropolis, protected waters of island have unceasingly served as an attraction to recreational fishermen.</p>	
Charles F Holder Catalina SMRMA (continued)		<p>Conservation Interest: Conservation interest in Catalina started very early. Charles F. Holder first came to island in 1886 & saw people using handlines to catch fish & stack like cordwood on beach. He wrote articles & books that told of rich ecosystem here that began process of building popularity of island. He went on to found Avalon Tuna Club in 1898, one of first saltwater angling clubs in world & first for purpose of targeting big game fishes. Club's motto is "Fair play to game fishes, and the lightest possible tackle" and was dedicated to overall management of resources surrounding the island. Tuna club established rules that required use of rods & reels & put limits on strength of line that could be used. Instantly successful & in first two years had both a future and past President of the United States as members, Theodore Roosevelt (joined 1898) and Grover Cleveland (joined 1899). "In his annual address the first president and founder of the club, Charles F. Holder, said: 'I</p>	
Charles F Holder Catalina SMRMA (continued)		<p>congratulate you, gentlemen of the Tuna Club, on the results of a year's example. A year ago boats left Avalon Bay with from four to ten heavy handlines, and tunas and yellowtail and sea bass were slaughtered by the ton and thrown away. To-day by your example not a boatman of Santa Catalina will permit a hand-line in his boat. All use rods and reels and the lines specified by the Club, and the result is that few fish are wasted, the catch is reduced two-thirds, and the sport is enhanced by the use of rod and reel. Not only this, but the fame of the Tuna Club has gone around the civilized world, and its example, "fair play to game fishes," has been adopted in every land where the phrase, "He fishes like a gentleman," has any significance." (The Channel Islands of California, A book for the Angler, Sportsman, and Tourist, Charles Frederick Holder, A.C. McClurg & Co., Chicago, 1910)</p>	
Charles F Holder Catalina SMRMA (continued)		<p>Considering effort at Catalina, the island in view of some might support several highly restrictive MPAs. But such an approach to management at Catalina would have devastating economic effects both on town of Avalon & to many businesses that provide means to enjoy the island. Additionally a lot of compression of recreational effort at Catalina could have far reaching negative consequences for the larger ecology of the island. Additionally, a SMRMA provides an opportunity to obtain funds for proper management and enforcement of the island. Finally, since kelp bass is 100% allocated to recreational fishermen as a game fish and sheephead is predominantly allocated to recreational fishermen through the Nearshore Management Plan, recreational measures address the bulk of fishery impacts on these key MLPA species in a manner palatable to the majority of recreational fisherman</p>	

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Ben Weston SMRMA	4826	East Channel Islands	See MarineMap	SMRMA	Mod-Low	Kelp Bass: Hook and Line: recreational Barbless single hooks.	No retention of any marine life species.
Farnsworth Bank SMCA	4818	East Channel Islands	See MarineMap	SMCA	Mod-Low	Pelagic fishing by hook and line, coastal pelagic fishing by seine, hook and line, dip net, crowder, and white seabass and bonito.	None Specified
Pending Military Closure SNI 01	5512	West Channel Islands	See MarineMap	Undesignated	Very High	No take, no entry	None Specified
Pending Military Closures SCI 1 01	5513	East Channel Islands	See MarineMap	Undesignated	Very High	No take, no entry	None Specified
Pending Military Closures SCI 2 01	5514	East Channel Islands	See MarineMap	Undesignated	Very High	No take, no entry	None Specified
Richardson Rock SMR	4803	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA
Judith Rock SMR	4814	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA
Harris Point SMR	4804	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA
South Point SMR	4813	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA
Carrington Point SMR	4806	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA
Skunk Point SMR	4812	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA
Painted Cave SMCA	4807	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except for lobster and pelagic finfish. Prohibits all commercial take.	NA
Gull Island SMR	4805	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA
Scorpion SMR	4808	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA
Footprint SMR	4811	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA

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Ben Weston SMRMA	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Obtain high level of conservation while retaining full intrinsic value of resource which is majority of recreational socio-economic consumer surplus. Location is close to shore and provides an opportunity to assess the impact of recreational catch and release fishing activities compared to areas open to retention and those fully closed to access. Could be a SMRMA or a SMCA or both.	This MPA creates a special opportunity for recreational users with high conservation objectives, large fish and natural abundances. Approach recommended for consideration for fully protected status by National Academy of Sciences in their guiding document Marine Protected Areas, the primary source of peer reviewed science included in the MLPA Master Plan. Acheive high protection with far lower socio-economic costs.
Farnsworth Bank SMCA	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	To extend benthic protections offshore from the Ben Weston SMCA and protect unique habitats and marine life at Farnsworth Bank while providing traditional opportunities for pelagic fishes.	None Specified
Pending Military Closure SNI 01	None Specified	None Specified	None Specified
Pending Military Closures SCI 1 01	None Specified	None Specified	None Specified
Pending Military Closures SCI 2 01	None Specified	None Specified	None Specified
Richardson Rock SMR	NA	NA	NA
Judith Rock SMR	NA	NA	NA
Harris Point SMR	NA	NA	NA
South Point SMR	NA	NA	NA
Carrington Point SMR	NA	NA	NA
Skunk Point SMR	NA	NA	NA
Painted Cave SMCA	NA	NA	NA
Gull Island SMR	NA	NA	NA
Scorpion SMR	NA	NA	NA
Footprint SMR	NA	NA	NA

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Anacapa Island SMCA	4809	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Prohibits all recreational take except for lobster and pelagic finfish. Prohibits all commercial take except for lobster.	NA
Anacapa Island SMR	4810	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA
Santa Barbara Island SMR	4815	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	NA

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve SMRMA = state marine recreational management area
TBD = To be determined

Bioregions:

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| <ol style="list-style-type: none"> 1. North Mainland (Point Conception to Marina Del Rey) 2. South Mainland (Marina del Rey to the U.S.-Mexico border) 3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands) | <ol style="list-style-type: none"> 4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands) 5. East Channel Islands (Santa Catalina and San Clemente islands) |
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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Anacapa Island SMCA	NA	NA	NA
Anacapa Island SMR	NA	NA	NA
Santa Barbara Island SMR	NA	NA	NA

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MLPA Study Region: South Coast
Name: External Proposal C_Round 1_090311
Author: Santa Barbara Channelkeeper and
Santa Monica Baykeeper
Revised: March 18, 2009

Total number of MPAs/closures: 47
 Number of SMRs: 41
 Number of SMCAs: 3
 Number of SMPs: 3
 Number of Military Closures: 0

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Pt_Conception	5493	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Tajiguas	5490	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Refugio	5501	North Mainland	See MarineMap	SMP	Low	Take of all living marine resources is prohibited with the exception of recreational shore-based hook and line, shore-based spear, and shore-based hand harvest of invertebrates and fishes. The use of traps is prohibited. Kelp Bass: Hook and Line: recreational, Kelp Bass: Spear: recreational, Barred Sand Bass: Hook and Line: recreational, Pelagic Finfish: Hook and Line: recreational Halibut: Hook and Line: recreational White Seabass: Hook and Line: recreational Shore-based finfish: Hook and Line: recreational Flatfishes: Hook and Line: recreational Clams: Hand Harvest: recreational Lingcod: Hook and Line: recreational Cabezon: Hook and Line: recreational	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Pt_Conception	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Undoubtedly one of the most iconic areas on the South Coast mainland, identified as a world renowned marine biogeographic boundary and an important site of cultural heritage- to Native Americans as the "Western Gate," the landmark lighthouse entrance to the Santa Barbara Channel, and a site of numerous historic maritime wrecks. Most southern area along California mainland that is dominated by northern species and characteristic northern habitats, including important rockfish species, otters, upwelling, rich rocky intertidal, extensive hard bottom and kelp, various harbor seal haulouts, a small submarine canyon and pinnacles at St Augustine, and numerous established marine research opportunities and monitoring sites including those for PISCO, MARINE and CRANE.	This SMR will provide critical connectivity with the most southern MPA from the Central Coast Study Region, Vandenberg SMR, and the most western SMRs at the Northern Channel Islands through predominant circulation patterns. Due to the remoteness of this SMR, its economic impact on fisheries is predicted to be low while the spill over into the contiguous nearshore habitats east of the SMR will increase recreational and commercial fisheries value.
Tajiguas	G1: (O-1,O-2,O-3,O-4), G2: (O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This SMR offers the protection of important nearshore species like halibut, steelhead, rockfishes, lingcod, cabezon, and important habitats like kelp forests, sandy bottom and surfgrass and is very accessible for recreational opportunities like kayaking and diving and the associated educational and enforcement opportunities due to its proximity to Refugio State Park.	In recognition of the trawling zones in this region, the boundaries of this MPA were restricted to as close to one mile offshore, given the DFG guidelines to keep offshore corners at whole minutes. The intent is to lessen economic impact on commercial fishing, specifically on commercial halibut and sea cucumber trawling and rock crap trapping.
Refugio	G1: (O-5), G2: (O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Adjacent to the state park system's Refugio State Beach, this MPA aims at enhancing recreational opportunities as well as recognizing the importance in this area's cultural and natural value, with submerged historical sites remaining from its time as a thriving trading ship anchorage. Being a popular access point west of Goleta, recreational activities, both consumptive and non-consumptive, are high in this area – with local dive clubs maintaining a kiosk and dive map for this area.	In recognition of the trawling zones in this region, the boundaries of this MPA were restricted to as close to one mile offshore, given the DFG guidelines to keep offshore corners at whole minutes. The intent is to lessen economic impact on commercial fishing, specifically on commercial halibut and sea cucumber trawling and rock crap trapping. One of the few eelgrass beds along the mainland in Santa Barbara County is encompassed in this MPA on its eastern most boundary. To ensure protection of this sensitive and critical habitat, no consumptive activity that involves traps or pots will be allowed. Restricting these activities will also add additional protection to the submerged sites in this area.

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Goleta	5492	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Devereux_Lagoon	5476	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Goleta_Slough	5477	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carpinteria	5481	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Goleta	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This SMR encompasses a wide diversity of habitat types - from the high complexity and vertical relief of Naples offshore reef, to one of the most persistent kelp forests and oil seeps at IV reef, to the estuarine inputs of Devereux and Goleta Slough, to the sandy habitat along Ellwood to the persistent eelgrass bed found in Goleta Bay - and, therefore, affords vast protection to representative populations, ecosystem function, and critical ecological linkages. This area also has one of the longest histories of scientific research in part due to the close proximity of UCSB and the Marine Science Institute, and incorporates the public outreach potential and enforcement already in place with the UC Natural Reserve at Coal Oil Point and an active community presence along the coast, especially from the UCSB campus.	The eastern most boundary was designated to encompass one of the few extensive eelgrass beds along the mainland in Santa Barbara County in the MPA, while avoiding a popular fishing spot to the east of the mouth of Goleta Slough.
Devereux_Lagoon	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This lagoon system is part of the wetland Coal Oil Point Reserve, part of the University of California Natural Reserve System, and is therefore already primed for wildlife preservation, public education, academic research, and enforcement due to the large currently active docent and volunteer support network. It supports numerous wetland amphibian, mammal, bird and fish species including five estuarine fish species and several special status coastal bird species along with a recovery program for the threatened Snowy Plover.	Important to pair protection of estuary system with marine habitat protection to maintain natural ecological linkages and recognize their critical role in ecosystem services.
Goleta_Slough	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This coastal estuary is an important nursery habitat for a number of marine fish and houses at least 20 special status bird species – being identified as a “Globally Important Bird Area.” It is part of a larger wetland area-including salt marsh, mudflat and salt flat habitats, is a highly visited estuary with its close proximity to UCSB and to Goleta State Beach, and includes many archeologically significant sites to Native Americans.	Important to pair protection of estuary system with marine habitat protection to maintain natural ecological linkages and recognize their critical role in ecosystem services.
Carpinteria	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	In a relatively small areas, this SMR encompasses a wide array of habitat types including a persistent kelp forest, rocky reef, rocky intertidal, sandy habitats, sandy beaches, cobble and gravel substrate, and surfgrass beds and with them a comprehensive assemblage of associated species including halibut, lobster, grunion, nearshore sharks and rays– all within a close proximity to one of the most intact estuary systems in Southern California, offering critical ecological linkages and nutrient exchange. The reef system and rocky intertidal habitats are sites of long-term research and monitoring by PISCO, MARINe and LTER, there are multiple harbor seal haulouts and one, well monitored seal rookery and the area currently supports a very economically important recreational industry in kayaking, diving, surfing and beach tourism – with Carpinteria State Beach being one of the top 10 beaches most visited in the South Coast Region.	None Specified

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MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Carpinteria_Salt_Marsh	5503	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Pt_Mugu	5502	North Mainland	See MarineMap	SMCA	Mod-Low	Spot Prawn: Traps / Pots: commercial, Squid: Pelagic Seine: commercial Pelagic Finfish: Hook and Line: commercial Pelagic Finfish: Hook and Line: recreational Coastal Pelagic Finfish: Pelagic Seine: commercial Shore-based finfish: Hook and Line: recreational	None Specified
Mugu_Lagoon	5478	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Lechuza	5500	North Mainland	See MarineMap	SMP	Low	Take of all living marine resources is prohibited except recreational shore-base hook and line, kayak hook and line, spear fishing, and recreational hand harvest of invertebrates and fishes. Recreational trapping is prohibited. Kelp Bass: Hook and Line: recreational, Barred Sand Bass: Hook and Line: recreational, Pelagic Finfish: Hook and Line: recreational Halibut: Hook and Line: recreational White Seabass: Hook and Line: recreational Shore-based finfish: Hook and Line: recreational Flatfishes: Hook and Line: recreational Lingcod: Hook and Line: recreational Cabezon: Hook and Line: recreational	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Carpinteria_Salt_Marsh	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This area is designated as a University of California Natural Reserve and is critical habitat for migratory waterfowl, plants and animals listed as endangered, threatened or of special concern, such as the salt marsh bird's beak, light-footed clapper rail and Belding's savannah sparrow, and is an important nursery for many marine and estuary fishes, including halibut and leopard sharks. There is extensive opportunities for ongoing research and public education including already existing activities such as university courses, an on-site interpretive center, teaching amphitheater, nature trail, weekly docent tours, EPA-funded toxicology center, and a PEEIR Consortium site.	This estuary habitat is in unique close proximity to a offshore persistent kelp forest and reef. Important to pair protection of the estuary system with marine habitat protection to maintain natural ecological linkages and recognize their critical role in ecosystem services.
Pt_Mugu	G1: (O-2,O-3), G2: (O-1,O-2,O-4), G3: (O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This area encompasses one of the few submarine canyons off Southern California, and the one that approaches shore closer than any other coastal submarine canyon, is an area of high fish and seabird diversity, contains a designated ASBS area, includes portions of the Rockfish Conservation Area, and is adjacent to the Point Mugu State Park with habitats ranging from uplands, rocky bluffs, sandy dunes and beaches, and open shoreline supporting grunions spawning and a harbor seal rookery and haulout. This MPA will not only offer ample protection to the submarine canyon habitat, but will also protect the linkage between the estuarine habitat of Mugu Lagoon and the marine habitat of the canyon.	MPA designation and allowable activities were chosen with recognition of the limited areas for the spot prawn fisheries
Mugu_Lagoon	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This is the largest estuarine lagoon in Southern California, recognized to be one of the highest quality wetlands remaining in California, supporting the greatest concentration of water-associated birds between Morro Bay and Anaheim-Bolsa Bay, home to a high diversity of marine and estuarine fishes, and is home to the closest large mainland roost to the Anacapa Island California Brown Pelican breeding colony.	None Specified
Lechuza	G1: (O-1,O-2), G2: (O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This region of the Los Angeles County coast is dominated by low relief reef and patchy sand, kelp forests to depths of about 50 feet, patchy eelgrass beds, rich intertidal diversity, a pronounced steep shelf near the 3-mile boundary, and distinctly different oceanographic patterns than the areas within the Santa Monica Bay. With the many streams along this stretch, this site is known as a steelhead trout bearing area and the subtidal habitats support a diverse assemblage of invertebrates and fishes including lobster, white sea bass, angel sharks, giant black sea bass, as well as being known for common sightings of the Gray whale seasonal migrations.	With the multitude of adjacent state parks, state beaches, and county beaches at Leo Carrillo, Nicholas Canyon, El Pescador, La Piedra, El Matador and Robert H. Meyer Memorial, as well as being an ASBS and sites of on-going CRANE study, this part of the coast offers a wide range of opportunities for public access, shore-based recreation, consumptive recreation (including shore-based fishing, kayak fishing, spear fishing, and lobster fishing), education and research.

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Malibu	5475	North Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Palos_Verdes	5474	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Bolsa_Chica	5494	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Newport_Bay	5479	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Malibu	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This stretch of coast encompasses some of the most diverse habitats and marine life in Los Angeles County including extreme upwelling, the eastern edge of a submarine canyon, areas of low lying reef, sandy habitats, the historically largest kelp forest in SM Bay, unique spur and groove reef structures, patchy eelgrass beds, diverse understory algal habitat, sections of ASBS, Grey whales, sea lion haulouts, areas of high planktonic retention squid spawning, grunion runs, white urchins, lobster, abalone, halibut, giant black sea bass, thresher sharks, a large diversity of migratory birds, and steelhead. Access varies throughout area, with both private and public access along this coast, but long-term monitoring and research opportunities are plentiful and on-going with a variety of CRANE sites and SMBK sites and restoration efforts.	Particular consideration was given to this site as it represents the eastern most section of the North Mainland Bioregion, while also unique in the influence from significant upwelling, and the Santa Monica Bay circulation patterns.
Palos_Verdes	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	This MPA encompasses the following habitat types and features; rocky intertidal, sandy and gravel beaches, surf grass beds, kelp forest, underwater pinnacles, submarine canyon, marine mammal haul outs, bird and marine mammal foraging areas, thermal vents, oil seeps, hard substrate in 100 to 200 feet in depth, upwelling and retention zones. The American Cetacean Society has maintained a 25 year observation program for marine mammals in the area species sited include risso's dolphins, orcas, blue and grey whales; Vantuna Research Group has 25 years of subtidal fish monitoring sites in this proposed SMR and several CRANE sites have been established, kelp restoration and monitoring work has been performed in the southern reach of this SMR.	The Palos Verdes peninsula offers many opportunities to establish MPAs consistent with the goals of the MLPAL. In consideration of the disparate interests utilizing the peninsula and the opportunities inherent in the proposed SMR, we determined to establish the SMR from south of King Harbor to Long Point. This allows for consumptive and nonconsumptive users to access a SMR and historically robust areas for fishing. The enforcement in this area should be aided by the volume of vessel traffic and the established observational programs in the area.
Bolsa_Chica	G1: (O-1,O-3,O-4,O-5), G2: (O-1,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	Bolsa Chica is a tidally influenced estuary centrally located in the southern California Bight as an estuary its importance to a number of coastal species as a nursery is worthy of high protection, species of particular interest include halibut, gobies, leopard sharks and bat rays. It serves as an important breeding ground and foraging area for marine and migratory birds many of which have state or federal protection including terns and plovers.	The State of California coupled with a great deal of local support recently restored a great portion of this wetland complex. Numerous environmental education programs, docent groups and monitoring efforts are established in this estuary which will facilitate enforcement and public understanding of the goals of the MLPA.
Newport_Bay	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	As an estuary Newport Bay is deserving of high protection and has benefited from meaningful protections for the upper bay, the lower bay is being added to an SMR encompassing the entire Bay in this proposal. An SMR in this locale will protect the foraging areas of federally and state protected marine birds and mammals including bottle nosed dolphins, terns, and plovers; and provides valuable nursery grounds for numerous species of finfish, elasmobranchs and invertebrates.	A great number of users enjoy Newport Bay including boaters, birders, researchers and educators. Existing monitoring in this area will provide valuable data to changes in the Newport Bay likely resulting from the benefits associated with its status as a SMR, access in this area is tremendous and ability for citizen involvement in the protection and stewardship for this body of water is exceptional.

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Orange_County	5484	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Agua_Hedionda	5499	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Batiquitos_Lagoon	5480	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Cardiff	5482	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
San_Elijo_Lagoon	5483	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Orange_County	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This area contains a wide variety of marine habitats including the Newport Bay mouth, wide topographic diversity of rocky intertidal, numerous kelp beds with the largest extending from the Dana Point headlands northward to the Laguna Beach City border, multitude of subtidal and emergent rocks and reefs frequented by haulout seals and roosting birds, patchy coverage of surfgrass along the entire coast, and intermittent expanses of subtidal sandy bottom habitat - all supporting diverse assemblages of a multitude of species many of which are on the 'species likely to benefit.' Due to the existence of MPAs already in this region, all associated cities in the area as well as Laguna Ocean Foundation and Ocean Institute have educational programs in place about coastal resources, and similarly extensive enforcement overlap opportunities exist with personnel already enforcing existing MPAs as well as an Orange County Marine Protected Area Council who can help DFG with management and outreach, as well as established research monitoring presently at numerous locations by PISCO and MARINe.	The near continuous array of already existing MPAs in this area has allowed the identification of overwhelming support from and opportunities for the communities along this coast. Biologically, this relatively large expanse of protected coast offers an excellent opportunity to encompass multiple habitat types so that, if species are restored to their natural abundances, the larval output from this area can have significant seeding implications for areas outside of this MPA, including the other designated MPAs in the South Mainland Bioregion.
Agua_Hedionda	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-5), G6: (O-1,O-2,O-3,O-4)	As an estuary Aqua Hedionda is a key habitat deserving of SMR status, it functions as an important site for foraging birds many of which are protected federally and/or by the state and serves a nursery for coastal fishes and invertebrates.	As a discrete water body Aqua Hedionda Lagoon is easy enforceable. The benefits of protected bird populations in the area will create interest and promote visitation by birders and provide environmental education opportunities to neighboring schools.
Batiquitos_Lagoon	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	The nursery values to marine species and importance as a foraging area for birds are consistent with the know biological resources of Batiquitos Lagoon. Estuaries are key and unique habitats deserving of high protection Batiquitos Lagoon is a proposed SMR.	None Specified
Cardiff	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	There are several habitats and features found in the proposed Cardiff SMR including kelp forest, rocky reef, gravel beach, surf grass beds, and rocky intertidal. Geographically this SMR is offshore of an important estuary (San Elijo Lagoon) and serves as an important reserve for connectivity between the La Jolla SMR to the south and the Orange County SMR to the north.	None Specified
San_Elijo_Lagoon	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	San Elijo Lagoon is larger than the neighboring estuaries to the north and hosts a far more diverse assemblage of birds. A nine hundred acre wetland restoration project is proposed for this area and it is an important nursery ground for halibut, adjacent to the Cardiff SMR the connectivity of a diversity of habitats is consistent with the goals of the MLPA.	None Specified

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La_Jolla	5497	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Pt_Loma	5498	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
San_Diego_Bay	5491	South Mainland	See MarineMap	SMP	Mod-Low	Take of all living marine resources is prohibited with the exception of recreational take of finfish through the use of hook and line. Kelp Bass: Hook and Line: recreational, Barred Sand Bass: Hook and Line: recreational, Sheephead: Hook and Line: recreational, Spotted Sandbass: Hook and Line: recreational, Pelagic Finfish: Hook and Line: recreational Halibut: Hook and Line: recreational White Seabass: Hook and Line: recreational Shore-based finfish: Hook and Line: recreational Flatfishes: Hook and Line: recreational Lingcod: Hook and Line: recreational	None Specified
Imperial Beach	5471	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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La_Jolla	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This stretch of coast and accompanying state waters contains arguably some of the most richly diverse and extensive representation of marine life, habitats, and unique features in all of Southern California including submarine canyon off Scripps, upwelling, squid spawning, large garibaldi population, grunion spawning, extensive rocky and sandy intertidal habitats, large resident black sea bass individuals, leopard shark breeding areas, shovelnose guitarfish, large invertebrate population, dense kelp forests and rocky reefs, lobster, haulout and rookery for harbor seals, Pelagophycas beds and sand dollar beds, and includes an ASBS. La Jolla is one of the oldest, long-term and well studied temperate marine systems with current research and education being conducted by UCSD, SCRIPPS, SIO , La Jolla Ecological Reserve, SDSU, and CRANE.	None Specified
Pt_Loma	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	The proposed Pt Loma SMR contains a number of habitat types of interest to the MLPA including rocky intertidal, gravel beaches, elk kelp, kelp forest, surf grass, and underwater pinnacles. This SMR is centrally placed in the Pt. Loma kelp forest hosting high diversity of fish and invertebrates long term ecological monitoring programs exist in this area and will benefit adaptive management of MPA and associated scientific study.	The Pt Loma SMR is centrally located in the expansive kelp forest that dominates the hard substrate off the Point Loma Peninsula. This SMR provides meaningful protections of the resources of this prolific and diverse area while allowing for continued extractive socioeconomic interests to use the adjacent area to the north and south.
San_Diego_Bay	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	San Diego Bay has some unique assemblages of the south coast study region including green sea turtles and jacks. Extensive eel grass beds, and soft bottom dominate the sea floor providing important nursery habitat, the bay is also important to a variety of sea birds and once supported calving gray whales, the southern most expanse of the Bay is the Sweetwater Marsh National Wildlife Refuge.	None Specified
Imperial_Beach	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	The proposed Imperial Beach SMR contains a diverse set of habitats and features of interest to south coast region including gravel and sandy beaches, kelp forests, roosting areas for birds and foraging areas for birds and mammals. The proximity to the Tijuana Estuary clearly creates connectivity between other habitats beneficial to the biota of the Imperial Beach SMR and the bioregion.	None Specified

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Tijuana_Estuary	5485	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Land's_End	5473	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Catalina_North	5489	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Long_Pt	5495	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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Tijuana_Estuary	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	The Tijuana Estuary is home to the Tijuana River National Estuarine Research Reserve, identified to research, restore and monitor the estuary and surrounding wetland with an active outreach and education component of docents and volunteers who can enable ease of enforcement. The estuary supports a wide diversity of birds, invertebrates and fishes, including the arrow goby and grey smoothhound and has a close ecological linkage with the adjacent marine habitats through animal movement and nutrient exchange.	None Specified
Land's_End	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This SMR represents the unique cooler water, wave-exposed portions of the "east islands" bioregion and includes high diversity of productive, relatively high-exposure habitats, productive nearshore reefs, high relief rocks, pinnacles, an offshore inlet (Eagle Rock), surfgrass, persistent giant kelp beds, black, white, green, and pink abalone habitat, deep water soft-bottom squid spawning habitat, foraging habitat for seabirds and pinnipeds, an ASBS, and valuable subtidal sand plains. This SMR would likely benefit species including rockfish, sheephead, kelp bass, abalone, lobster, and rock scallops.	The boundaries of this SMR were selected to capture a variety of ecologically important features, such as deep water squid spawning habitat. While protection of this area may have a short-term impact on the squid fishery (as they are prohibited from fishing the lee side of the island), approximately half of the windward side of the island is still available for commercial fishing and the protection of squid spawning habitat will likely contribute to long-term sustainable squid fishing in the future.
Catalina_North	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This SMR represents the warm water assemblages within the "east islands" bioregion and includes persistent giant kelp beds (Macrocystis), deep water elk kelp (Pelagophycus), alongshore and offshore low and high relief boulders, bedrock, sea caves, sandy bottom habitat, surfgrass, eelgrass, rotolith beds; it overlaps with the existing Catalina Marine Science Center Marine Reserve and is adjacent to the USC Wrigley Marine Science Center which will provide for research and educational opportunities. This SMR includes Bird Rock and Ship Rock which provide roosting and foraging areas for gulls, pelicans, and cormorants, haul out and forage areas for sea lions and harbor seals and world class recreational opportunities for divers and underwater photographers.	The boundaries of this SMR were selected to protect unique and ecologically important features while allowing for continued recreational fishing activities along the northern tip of the island. Because commercial fishing is already prohibited on the lee side of Catalina Island, socio-economic impacts to commercial fishermen as a result of this SMR will not occur.
Long_Pt	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4), G6: (O-1,O-2,O-3,O-4)	This SMR represents warm water, wave-sheltered assemblages within the "east islands" bioregion and includes productive habitats including giant kelp forests (Macrocystis), deep water elk kelp (Pelagophycus), alongshore boulder, bedrock, and sand habitats, the best known and most highly visited giant sea bass spawning aggregation site, surfgrass, eelgrass, habitat for pink and green abalone, and provides great opportunities for diving and underwater photography. Catalina Island Marine Institute is located in Toyon Bay within this SMR and runs educational children's programs about the marine environment.	The boundaries of this SMR were selected to protect unique and ecologically important features while allowing for continued recreational fishing activities along the majority of the leeward side of the island. Because commercial fishing is already prohibited on the lee side of Catalina Island, socio-economic impacts to commercial fishermen as a result of this SMR will not occur.

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Farnsworth Bank	5496	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
West San Nicolas	5486	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Begg Rock	5504	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
North End	5488	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

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Farnsworth Bank	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This SMR represents the unique cooler water, wave-exposed portions of the "east islands" bioregion and includes good diversity of productive, relatively high-exposure habitats, productive nearshore reefs and a wider shelf than found on the leeside of the island, high relief rocks, surfgrass, eelgrass, black, white, green, and pink abalone habitat, deep water soft-bottom squid spawning habitat, foraging habitat for seabirds and pinnipeds, an ASBS, and valuable subtidal sand plains. This SMR also includes Farnsworth Bank, which is an underwater pinnacle with rare purple hydrocoral that is currently designated as an MPA for purple hydrocoral protection and is a great location for diving and underwater photography; coastal pelagic species can be found here.	The boundaries of this SMR were selected to capture Farnsworth Bank and a variety of other ecologically important features, such as the deep water squid spawning habitat. While protection of this area may have a short-term impact on the squid fishery (as they are prohibited from fishing the lee side of the island), approximately half of the windward side of the island is still available for commercial fishing and the protection of squid spawning habitat will likely contribute to long-term sustainable squid fishing in the future.
West San Nicolas	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This SMR includes a high diversity of habitats and marine communities representing both the leeward and windward sides of the island, a large portion of all the kelp forest habitat in the entire study region and kelp found at deeper depths, shallow and deep hard bottom habitats, rich rocky intertidal habitat, significant white and black abalone habitat, a resident population of endangered sea otters, foraging habitat for pinnipeds and seabirds, and includes major pinniped rookeries and haulout sites. San Nicholas Island has high water quality due to its distance from the mainland and the ASBS that exists around the entire island and this SMR includes several established intertidal and subtidal research monitoring sites (black abalone, otters) and would provide future opportunities for research on sea otter/kelp interactions in the absence of fishing pressure. Represents a unique portion of the "west islands" bioregion due to its southwesterly position and exposure to the cold northern currents and the warmer southern currents.	This SMR does not appear to have any conflicts with existing Navy operations and in fact overlaps with the proposed "Area Alpha" closure put forth by the Navy. It has been sited to represent both the lee and windward sides of the island while avoiding much of the commercial fishing areas for urchin, spot prawn, sea cucumbers, and lobster. Siting the SMR in this location would allow for recreational and commercial activities to continue on the southern portion of the island, which includes diverse, high relief reefs, significant rocky intertidal and eelgrass habitats, and black sea bass.
Begg Rock	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-5), G6: (O-1,O-2)	Begg Rock is surrounded by an ASBS and is a unique, offshore pinnacle with steep ridges, deep water soft and hard bottom habitats, purple hydrocoral, and is located within the "west islands" bioregion. It is part of a California Coastal Monument provides great opportunities for recreational activities such as diving and underwater photography during good weather.	This SMR does not appear to have any conflicts with the existing military operations currently occurring on San Nicholas Island. Due to the remoteness of the SMR, its economic impact on fisheries is predicted to be low while allowing for populations of species such as rockfish and rock scallops to rebuild.
North End	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This SMR is located within the "east islands" bioregion and incorporates a wide diversity of habitats and exposures over a small area including offshore rocks and pinnacles (Castle Rock and 9 Fathom Bank), numerous highly productive rocky reefs, purple hydrocoral, giant kelp forests (Macrocystis), deep water elk kelp (Pelagophycus), rich rocky intertidal, significant habitat for black, white, green and pink abalone, surfgrass, foraging, rookery, and haul out sites for pinnipeds and foraging areas for seabirds. This SMR also provides representation of marine communities on both the lee and windward sides of the northern portion of the island and includes an existing kelp forest research monitoring site.	This SMR overlaps with both of the proposed Navy closures at SWAT 1 and Wilson Cove. Because a portion of the SMR area near Wilson Cove is already periodically closed for military activities, fishing in this location is currently limited and socio-economic impacts to fishing as a result of an SMR there are predicted to be low. Placing this SMR at the northwestern tip of the island allows for a portion of the windward side of the island to remain available for recreational fishing and commercial fishing for sea cucumbers, urchin, lobster, squid, and coastal pelagics.

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China Point	5487	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Pyramid Head	5472	East Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Richardson Rock_SMR	5458	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Judith Rock SMR	5469	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Harris Point SMR	5459	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
South Point SMR	5468	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Carrington Point SMR	5461	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Skunk Point SMR	5467	West Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Painted Cave SMCA	5462	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish	None Specified
Gull Island SMR	5460	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Scorpion SMR	5463	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Footprint SMR	5466	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Anacapa Island SMCA	5464	Mid Channel Islands	See MarineMap	SMCA	Mod-Low	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish and the commercial take of spiny lobster.	None Specified
Anacapa Island SMR	5465	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Santa Barbara Island SMR	5470	Mid Channel Islands	See MarineMap	SMR	Very High	All take is prohibited	None Specified

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve

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China Point	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This SMR represents colder water marine assemblages in the "east islands" bioregion and the community and habitat composition of the windward side of the island including rocky reefs, offshore rocks, pinnacles, purple hydrocoral, giant kelp beds (Macrocystis), deep water elk kelp (Pelagophycus), surfgrass, pinniped haulouts and rookeries, foraging habitat for pinnipeds and seabirds, and white sea bass aggregations. This SMR also includes a kelp forest research monitoring site at Eel Point.	This SMR has been located to avoid Pyramid Cove, recognizing the importance of this area as the only protected anchorage for fishing or diving activities at San Clemente Island. Additionally, avoiding Pyramid Cove will minimize conflicts with military activities as the Navy uses this location for live fire and other exercises. The location of the SMR has been sited to allow for at least half of the windward side of the island to remain available for recreational fishing and commercial fishing for sea cucumbers, urchin, lobster, squid, and coastal pelagics.
Pyramid Head	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-2,O-3,O-4)	This SMR represents warmer water marine assemblages associated with the Southern California Countercurrent within the "east islands" bioregion and includes a wide diversity of productive habitats such as steeply-sloping walls, pinnacles, high relief, nearshore reefs, eelgrass beds, giant kelp forests (Macrocystis), deep water elk kelp (Pelagophycus), extensive surfgrass that serves as a lobster nursery, black, white, green and pink abalone habitat, and foraging habitat for pinnipeds and seabirds. The SMR also overlaps with the ASBS which surrounds all of San Clemente Island.	This SMR has been located to avoid Pyramid Cove, recognizing the importance of this area as the only protected anchorage for fishing or diving activities at San Clemente Island. Additionally, avoiding Pyramid Cove will minimize conflicts with military activities as the Navy uses this location for live fire and other exercises.
Richardson Rock_SMR	N/A	N/A	N/A
Judith Rock SMR	N/A	N/A	N/A
Harris Point SMR	N/A	N/A	N/A
South Point SMR	N/A	N/A	N/A
Carrington Point SMR	N/A	N/A	N/A
Skunk Point SMR	N/A	N/A	N/A
Painted Cave SMCA	N/A	N/A	N/A
Gull Island SMR	N/A	N/A	N/A
Scorpion SMR	N/A	N/A	N/A
Footprint SMR	N/A	N/A	N/A
Anacapa Island SMCA	N/A	N/A	N/A
Anacapa Island SMR	N/A	N/A	N/A
Santa Barbara Island SMR	N/A	N/A	N/A

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TBD = To be determined

Bioregions:

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| <ul style="list-style-type: none"> 1. North Mainland (Point Conception to Marina Del Rey) 2. South Mainland (Marina del Rey to the U.S.-Mexico border) 3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands) | <ul style="list-style-type: none"> 4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands) 5. East Channel Islands (Santa Catalina and San Clemente islands) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|