

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

**MLPA Study Region: South Coast**  
**Name: Opal\_B\_Round 1\_090311**  
**Author: Opal Work Group**  
**Revised: April 7, 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

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

<b>MPA Name</b>	<b>Regional Goals/ Objectives</b>	<b>Site Specific Rationale</b>	<b>Other Considerations</b>
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.

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
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

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

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

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
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_SMROPA_B_1	5883	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	Restrictions exist regarding: allowed management activites.
North County Lagoons_SMROPA_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 SMROPA_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 SMROPA_B_1	5587	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Point Loma Kelp Forest SMROPA_B_1	3877	South Mainland	See MarineMap	SMR	Very High	All take is prohibited	None Specified
Cabrillo SMROPA_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

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
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

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

<b>MPA Name</b>	<b>MPA ID</b>	<b>Bioregion</b>	<b>MPA Boundaries (Exact or Approximate)</b>	<b>Designation</b>	<b>Level of Protection</b>	<b>Proposed Take Regulations</b>	<b>Other Proposed Regulations</b>
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						

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
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.

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

<b>MPA Name</b>	<b>MPA ID</b>	<b>Bioregion</b>	<b>MPA Boundaries (Exact or Approximate)</b>	<b>Designation</b>	<b>Level of Protection</b>	<b>Proposed Take Regulations</b>	<b>Other Proposed Regulations</b>
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

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
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.

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

<b>MPA Name</b>	<b>MPA ID</b>	<b>Bioregion</b>	<b>MPA Boundaries (Exact or Approximate)</b>	<b>Designation</b>	<b>Level of Protection</b>	<b>Proposed Take Regulations</b>	<b>Other Proposed Regulations</b>
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

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
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

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
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*

**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)

**California MLPA South Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Draft MPA Array Opal B**  
*Created March 4, 2009*  
*Revised April 7, 2009*

<b>MPA Name</b>	<b>Regional Goals/ Objectives</b>	<b>Site Specific Rationale</b>	<b>Other Considerations</b>
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