

California MLPA South Coast Study Region
MPA Options for Consideration and Review by BRTF: Description of Point Dume MPA Options
Created October 22, 2009; File revised Oct. 30, 2009

Option	MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	LoP	Proposed Take Regulations	Other Proposed Regulations
Option 1	Point Dume SMCA	75588	North Mainland	Western boundary runs from the shore due north-south along the 118 53.00 W to State Waters; the eastern boundary runs from shore along the 118 49.00 W to State Waters.	SMCA	high	The take of all living marine resources is prohibited except: 1. The recreational take of Pelagic finfish by Spearfishing; Pacific bonito by Spearfishing; and White seabass by Spearfishing. 2. The commercial take of Coastal pelagic finfish by Pelagic round haul nets; Market squid by Pelagic round haul nets; Market squid by Dip net; and Swordfish by Harpoon.	
Option 1	Point Dume SMR	75589	North Mainland	Western boundary runs from the shore due north-south along the 118 49.00 W to State Waters; the eastern boundary runs from shore along the 118 47.30 W to State Waters. The eastern boundary uses a landmark at the west side of Paraside Cove Beach, where the wide portion of the beach meets the bluff (at the western edge of the Paraside Cove parking lot).	SMR	very high	Take of all living marine resources is prohibited.	
Option 2	Point Dume SMCA	75586	North Mainland	Western boundary runs from the shore due north-south along the 118 53.20 W to State Waters; the eastern boundary runs from shore along the 118 49.00 W to State Waters.	SMCA	high	The take of all living marine resources is prohibited except: 1. The recreational take of Pelagic finfish by Spearfishing; Pacific bonito by Spearfishing; and White seabass by Spearfishing. 2. The commercial take of Coastal pelagic finfish by Pelagic round haul nets; Market squid by Pelagic round haul nets; Market squid by Dip net; and Swordfish by Harpoon.	
Option 2	Point Dume SMR	75587	North Mainland	Western boundary runs from the shore due north-south along the 118 49.00 W to State Waters; the eastern boundary runs from shore off the eastern side of Little Dume to State Waters. The eastern boundary uses Little Dume as a landmark.	SMR	very high	Take of all living marine resources is prohibited.	

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Option 2	Point Dume SMCA	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-2,O-3,O-4), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-3,O-5), G6: (O-3,O-4)	Intent is to meet habitat replication for key important habitats. Co-located with an ASBS for water quality considerations. This stretch of coast encompasses some of the most diverse habitats in Los Angeles County, including an upwelling zone, submarine canyon habitat, unique spur and groove reef structures, extensive kelp, and diverse understory algal habitat. This is also an area of high species diversity. There is long-term monitoring and research opportunities in this area. This is also an area that plays a significant role in Chumash maritime culture, it is ideally suited for tribal co-management to promote 1) education and outreach, 2) marine stewardship, and 3) Chumash maritime cultural preservation and revitalization.	We allowed for squid and coastal pelagic species seining, spearfishing for pelagics and harpooning for swordfish [all high LOP activities] to generate cross interest support from conservation and consumptive communities. The SCRSG also recommends that DFG explore establishing Chumash co-management for this SMCA. Chumash government and non-government entities will seek to formulate MOUs with appropriate State departments, e.g., Fish and Game and Parks and Recreation for education and outreach, marine stewardship, and Chumash cultural preservation.
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Option 3	Point Dume SMCA	75639	North Mainland	Western Boundary: Due south from a point east of El Pescador State Beach parking lot on the longitude line 118 53.5 Minutes West extending from mainland to state boundary three miles offshore. Eastern Boundary: Due south on the longitude line 118 48.6 minutes West. This north/south delineation commences at the eastern most permanent brick restroom on the beach and extends three nautical miles offshore from the mean high tide line. Northern Boundary: Mean high tide line between eastern and western boundaries. Southern Boundary: Offshore boundary of state waters.	SMCA	high	The take of all living marine resources is prohibited except: 1. The recreational take of Pelagic finfish by Spearfishing; Pacific bonito by Spearfishing; and White seabass by Spearfishing. 2. The commercial take of Pacific bonito by Pelagic round haul nets; Coastal pelagic finfish by Pelagic round haul nets; Market squid by Pelagic round haul nets; Market squid by Dip net; and Swordfish by Harpoon.	
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	Point Dume SMCA (continued)		<p>It protects marine natural heritage, including protection of areas important to the traditional peoples of the region.</p> <p>This high-level protection reserve is a pivotal geography within the region's MPA network. It is positioned to capture and protect a majority of key habitats defined by the Science Advisory Team (SAT). The Point Dume area is a backbone reserve element in all cross-interest RSG proposals. As a major headland with a deep submarine canyon component, the biodiversity of this reserve is top-tier with high conservation potential. The shape defined here represents some of the most difficult trade-offs among user groups in the study region.</p> <p>Key rationale for designation: a. Backbone MPA site, b. Plays important role in larval connectivity and ecological function of statewide and regional MP networks,</p>	<p>meters, soft bottom 100-200 meters, soft bottom 200-3,000 meters, total soft bottom habitat, surf grass</p> <p>Does not meet SAT habitat replication guidelines for:</p> <ul style="list-style-type: none"> - Hard bottom 30-100 meters: Marinemap does not indicate sufficient rock habitat at this depth to meet this guideline. Closest coastal habitat for this replicate is 30 miles down-coast at Rocky Point in the South Mainland sub-bioregion. <p>DEFICIENCY OF THAT HABITAT EVERYWHERE; However, local knowledge does suggest the existence of sufficient amounts of that habitat type within the proposal at the head of the Pt. Dume sub-marine canyon.</p> <ul style="list-style-type: none"> - The maximum gap for many habitats exists between this MPA and the Coil Oil Point MPA. Note that suitable, sufficient habitat replicates do not exist in close enough proximity to this MPA to warrant creating another reserve to shorten this gap.
	Point Dume SMCA (continued)		<p>c. High conservation value; protects broad range of marine resources, d. Submarine canyon region is a significant aggregation area for pelagics such as white seabass, swordfish, thresher shark, squid, striped marlin and white sharks, e. Meets broad range of MLPA goals and objectives (see Marine Map), f. Achieves MLPA conservation requirements while limiting, to the extent possible, negative socio-economic impacts to commercial and recreational consumptive interests, g. Over 2,000 parking spaces provide access from Zuma Beach, h. Cross interest support. A geography at Point Dume exists in the other two proposals under RSG consideration. This MPA design resulted from negotiations among several user groups. Due to safety issues--protection from wind and weather for small boaters, kayakers, and divers--plus access from Marina del Rey and the CPFV landing on the Malibu Pier, the west side of Point Dume was chosen for placement of this MPA.</p>	<p>Socioeconomic considerations:</p> <p>With canyon upwelling near soft bottom habitat continuing into rocky reef with kelp beds, this area features substantial conservation benefit. However, negative socio-economic impact to marine users is considerable, especially lobster fishermen, CPFV operators out of Channel Island Harbor and their clients, urchin divers, and hook-and-line halibut fishermen. Plentiful public parking also makes this a valuable place for shore-based divers and anglers. Therefore leaving an open (non-MPA) area on the east end of the beach for consumptive beach access is important. The reserve, meanwhile, allows pelagic wetfish purse seine fishermen to continue harvesting due to the high LOP assigned that activity and the impact removing that access would have.</p>