**Farnsworth Onshore State Marine Conservation Area**

Southern California Marine Protected Areas (MPAs), Established January 2012

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**Site Overview**

**What is an MPA?**

MPAs are a type of marine managed area (MMA) where marine or estuarine waters are set aside primarily to protect or conserve marine life and associated habitats. California has a coastal network of 124 protected areas designed to help increase the coherence and effectiveness of protecting the state’s marine life, habitats, and ecosystems. The network includes three types of MPA: state marine reserve (SMR), state marine conservation area (SMCA), and state marine park (SMP); one MMA: state marine recreational management area (SMRMA); and special closures. There are 119 MPAs, 5 MMAs and 15 special closures, each with unique boundaries and regulations in the network. Non-consumptive activities, restoration, and permitted scientific research are allowed.

**What is an SMCA?**

An SMCA is a type of MPA that protects resources by allowing for only specific types of recreational and/or commercial take to occur. (Area restrictions are defined in Title 14, Section 632(a)(1)(C)).

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**Farnsworth Onshore SMCA Key Habitats**

- **Beaches**: 1.92 miles
- **Rocky shores**: 1.06 miles
- **Surgrass**: 3.2 miles
- **Sand (all depths)**: 2.4 square miles
- **Rock (all depths)**: 0.15 square miles
- **Average kelp (1989 to 2008)**: 0.03 square miles
- **Unidentified (all depths)**: 0.02 square miles

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**Farnsworth Onshore SMCA Overview**

- **MPA size**: 2.59 square miles
- **Depth range**: 0 to 291 feet
- **Along-shore span (shoreline)**: 2.6 miles

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**Boundaries and Regulations**

**Boundary**: This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed:

- 33° 21.000’ N. lat. 118° 29.080’ W. long.;
- 33° 21.000’ N. lat. 118° 30.000’ W. long.;
- 33° 19.000’ N. lat. 118° 29.000’ W. long.;
- 33° 19.000’ N. lat. 118° 27.900’ W. long.; and
- 33° 19.560’ N. lat. 118° 27.900’ W. long.

**Only the following take is allowed in Farnsworth Onshore SMCA:**

1. The recreational take by spearfishing of white seabass and pelagic finfish; marlin, tunas, and dorado (dolphinfish) (Coryphaena hippurus) by trolling; and market squid by hand-held dip net is allowed.

2. The commercial take of swordfish by harpoon; and coastal pelagic species by round haul net, brail gear, and light boat is allowed. Not more than five percent by weight of any commercial coastal pelagic species catch landed or possessed shall be other incidentally taken species.
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How and Why Farnsworth Onshore was Chosen for an SMCA

MPAs were designed through a collaborative, regional public process by a cross-interest regional stakeholder group (RSG). Using scientific criteria, public input and local resource knowledge the RSG developed MPA proposals. RSG proposals included site specific rationale (why the site should be an MPA— included below), the classification (type of MPA), boundaries, and regulations. Final MPA proposals were sent to the California Fish and Game Commission (Commission) for their adoption process. Farnsworth Onshore SMCA was adopted by the Commission in 2012.

South Coast RSG Identified Rationale for Farnsworth Onshore SMCA:
Backbone MPA cluster for southwest region of Santa Catalina Island hosting high diversity of habitats and communities representing productive, wave-exposed portion of east islands bioregion. Differing exposures to swells, headlands, spectacularly unique offshore Farnsworth Bank (existing MPA and ASBS) and other deepwater pinnacles, diverse rocky intertidal, shallow/deepwater reefs and sand plains add to biodiversity within the MPA cluster. Cluster contains persistent key habitat giant kelp forests, surfgrass, and purple hydrocoral. Will enhance likely to benefit species including rockfishes, kelp bass, scorpionfish, giant sea bass, sheepshead, angel shark, abalone, lobster, cucumbers, and rock scallops. Protects highly significant endangered intertidal black abalone and subtidal white abalone habitat.

Species Likely to Benefit from the Establishment of MPAs in California

Species likely to benefit from establishing an MPA are those, whose home range, behavior, reproduction, exploitation rate or population status indicates that they may benefit from spatial management. This includes species that are directly targeted by fisheries, those which are caught incidental to fishing for the target species (bycatch) and which cannot be returned to the water with a high rate of survival, and those which may be indirectly impacted through ecological changes within MPAs.

For a list of species likely to benefit from MPAs statewide: www.dfg.ca.gov/marine/mpa/species.asp
For a list of species likely to benefit from south coast MPAs: www.dfg.ca.gov/marine/pdfs/binders_sc/b2q.pdf

South Coast Regional Resources

California MPA Overview:
www.wildlife.ca.gov/MPAs/Network-Overview
South Coast Regional Goals and Objectives:
www.dfg.ca.gov/marine/pdfs/binders_sc/b1n.pdf
California MLPA South Coast Study Region Description of MPAs:
www.dfg.ca.gov/marine/pdfs/binders_sc/b1p.pdf
Methods Used to Evaluate MPAs in the South Coast:
www.dfg.ca.gov/marine/pdfs/binders_sc/b2b.pdf
MPA Research and Monitoring Activities:
www.wildlife.ca.gov/MPAs/Research-And-Monitoring
Regional MPA Statistics:
www.wildlife.ca.gov/MPAs/Statistics
Regional Planning History:
www.wildlife.ca.gov/Conservation/Marine/MPAs/Planning-Process

California MPA Network Resources

Detailed MPA guidebooks maps and brochures:
www.wildlife.ca.gov/MPAs/Network
California Marine Life Protection Act Marine Protected Areas Master Plan:
www.wildlife.ca.gov/Conservation/Marine/MPAs/Master-Plan
Marine Life Protection Act Summary and Network Goals:
www.wildlife.ca.gov/MPAs/Network-Goals

The information in this document does not replace the official regulatory language found in the California Code of Regulations Title 14, Section 632 www.wildlife.ca.gov/Conservation/Marine/MPAs/Network/Title-14-Section-632

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