

# Ten Mile State Marine Reserve

Northern California Marine Protected Areas (MPAs), *Implemented December 2012*



Ten Mile SMR  
Photo by CDFW/Mary Payten



Bull kelp  
(*Nereocystis luetkeana*)  
Photo by CDFW



Wolf eel  
(*Anarrhichthys ocellatus*)  
Photo by CDFW/Kevin Joe



Red abalone  
(*Haliotis rufescens*)  
Photo by CDFW

## Site Overview

Photos are representative of the North Coast Region and may not be within this MPA.

### 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 SMR?

An **SMR** is a type of MPA that protects resources by prohibiting the recreational and/or commercial take of all marine resources. (*Area restrictions are defined in [Title 14, Section 632\(a\)\(1\)\(A\)](#)*).

### Ten Mile SMR Overview

- **MPA size:** 11.95 square miles
- **Depth range:** 0 to 343 feet
- **Along-shore span (shoreline):** 3.1 miles

### Where is Ten Mile SMR?



### Ten Mile SMR Key Habitats

- **Beaches:** 2.63 miles
- **Rocky shores:** 6.85 miles
- **Marsh:** 0.01 square miles
- **Sand (all depths):** 10.25 square miles
- **Rock (all depths):** 0.97 square miles
- **Average kelp (1989 to 2008):** 0.02 square miles
- **Unidentified (all depths):** 0.74 square miles

### 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 except where noted:

39° 35.900' N. lat. 123° 47.243' W. long.;  
39° 35.900' N. lat. 123° 51.479' W. long.; thence southward along the three nautical mile offshore boundary to  
39° 33.300' N. lat. 123° 50.559' W. long.; and  
39° 33.300' N. lat. 123° 46.015' W. long.

**All take is prohibited in Ten Mile SMR.**

# Ten Mile State Marine Reserve

## How and Why Ten Mile was Chosen for an SMR

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. 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. Ten Mile SMR was adopted by the Commission in 2012.

### **North Coast RSG Identified Rationale for Ten Mile SMR:**

The intention of this MPA is to protect and maintain biodiversity through capturing the following marine habitats: rocky shoreline, beaches, offshore islets, surf grass, kelp beds, hard and soft substrates, and is designed to interface with proximate estuarine communities. The reserve also includes pinniped haul-outs and critical nesting and breeding marine bird habitat. This MPA is close to Fort Bragg, with numerous coastal access points facilitating research, long-term monitoring, recreation, and enforcement activities.

## 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](http://www.dfg.ca.gov/marine/mpa/species.asp)

For a list of species likely to benefit from north coast MPAs: [www.dfg.ca.gov/marine/pdfs/binders\\_nc/b2\\_3.pdf](http://www.dfg.ca.gov/marine/pdfs/binders_nc/b2_3.pdf)

## North Coast Regional Resources

California MPA Overview:

[www.wildlife.ca.gov/MPAs/Network-Overview](http://www.wildlife.ca.gov/MPAs/Network-Overview)

North Coast Regional Goals and Objectives:

[www.dfg.ca.gov/mlpa/pdfs/binders\\_nc/b1\\_29.pdf](http://www.dfg.ca.gov/mlpa/pdfs/binders_nc/b1_29.pdf)

California MLPA North Coast Study Region Description of MPAs:

[www.dfg.ca.gov/marine/pdfs/northcoastproposals/rec\\_description\\_eca.pdf](http://www.dfg.ca.gov/marine/pdfs/northcoastproposals/rec_description_eca.pdf)

Methods Used to Evaluate MPAs in the North Coast:

[www.dfg.ca.gov/marine/pdfs/northcoastproposals/evaluationmethods.pdf](http://www.dfg.ca.gov/marine/pdfs/northcoastproposals/evaluationmethods.pdf)

MPA Research and Monitoring Activities:

[www.wildlife.ca.gov/MPAs/Research-And-Monitoring](http://www.wildlife.ca.gov/MPAs/Research-And-Monitoring)

Regional MPA Statistics:

[www.wildlife.ca.gov/MPAs/Statistics](http://www.wildlife.ca.gov/MPAs/Statistics)

Regional Planning History:

[www.wildlife.ca.gov/Conservation/Marine/MPAs/Planning-Process](http://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](http://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](http://www.wildlife.ca.gov/Conservation/Marine/MPAs/Master-Plan)

Marine Life Protection Act Summary and Network Goals:

[www.wildlife.ca.gov/MPAs/Network-Goals](http://www.wildlife.ca.gov/MPAs/Network-Goals)



For more information, visit:  
[www.wildlife.ca.gov/MPAs](http://www.wildlife.ca.gov/MPAs)

Email:

[AskMPA@wildlife.ca.gov](mailto:AskMPA@wildlife.ca.gov)

MPA Mobile:



Report poaching and polluting,  
Call CalTIP  
1-888-334-2258

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](http://www.wildlife.ca.gov/Conservation/Marine/MPAs/Network/Title-14-Section-632)