

California Marine Life Protection Act (MLPA) Initiative



Legend

- Proposed State Marine Conservation Area (SMCA)
- Proposed State Marine Park (SMP)
- Proposed State Marine Reserve (SMR)
- Proposed State Marine Recreational Management Area (SMRMA)
- Proposed Special Closure
See additional maps and materials.
- North Coast Study Region Boundary



0 5 10 20 Nautical Miles

0 5 10 20 Miles

0 10 20 Kilometers

Created by Marine Map Cartographic Division, UCSB.

Date: 22 September 2010

For more information, visit :
<http://www.northcoast.marinemap.org>

Disclaimer

This map represents the Round 3 marine protected area (MPA) proposal developed by the MLPA North Coast Regional Stakeholder Group (NCRSG) for consideration by the MLPA Blue Ribbon Task Force. The NCRSG also developed a list of proposed special closures; the special closures are a separate recommendation from the Round 3 NCRSG MPA Proposal, but are displayed on this map for reference. The Round 3 NCRSG MPA Proposal is under review; it is not a recommendation to the California Fish and Game Commission.

Vizcaino SMCA

Proposed Allowed Uses (Take Regulations)

The take of all living marine resources is prohibited except:

1. The commercial take of salmon (TROLL); and Dungeness crab (TRAP).
2. The recreational take of salmon (TROLL); and Dungeness crab (HOOP NET, DIVING OR TRAP).
3. The recreational take, intended to accommodate tribal uses, of:
 - rockfishes, cabezon, greenling, lingcod, sculpin, California halibut, Pacific halibut, reetail surfperch, other surfperch, salmon, stickleback and Pacific lamprey (HOOK AND LINE);
 - shiner surfperch, surf smelt, herring and anchovy (DIP NET OR CAST NET);
 - eulachon (DIP NET);
 - anchovy, sardine and mackerel (2 species) (HAND);
 - Pacific lamprey (SPEARFISHING OR BOW AND ARROW);
 - red abalone, snails (7 species), limpets (2 species), clams (10 species), mussels, oysters, scallops, red urchin, and purple urchin (HAND);
 - market squid (DIP NET OR CAST NET);
 - Dungeness crab, rock crabs and shore crabs (TRAP OR HOOP NET);
 - coonstripe shrimp and spot prawn (TRAP);
 - octopus and bay ghost shrimp (HAND);
 - giant kelp, bull kelp, turf-forming and foliose algae (except for sea palm) (HAND).

MPA Boundaries (These may be approximate)

- North Boundary: 39°48.5
- South Boundary: 39°44.3
- West Boundary: the state water boundary
- East Boundary: mean high tide line

Ten Mile SMRMA

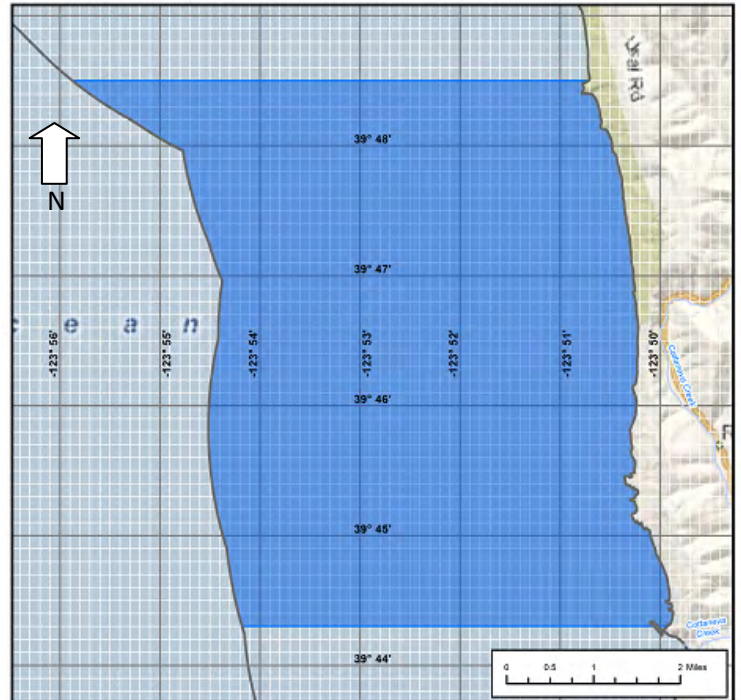
Proposed Allowed Uses (Take Regulations)

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MPA Boundaries (These may be approximate)

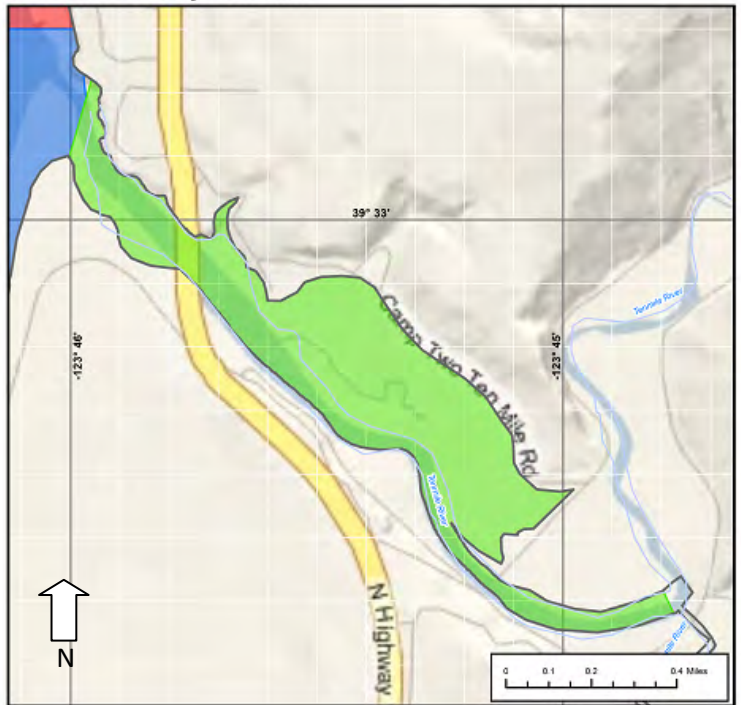
From the mouth of Ten Mile River (abuts Ten Mile SMCA) inland to the west bank of the south fork of the Ten Mile.

Vizcaino SMCA



Proposed State Marine Conservation Area (SMCA)

Ten Mile Estuary SMRMA



Proposed State Marine Recreational Management Area (SMRMA)



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<p>Ten Mile SMR</p> <p>Proposed Allowed Uses (Take Regulations) Take of all living marine resources is prohibited.</p> <p>MPA Boundaries (These may be approximate) North Boundary: 39° 35.9 South Boundary: 39° 33.3 East Boundary: mean high tide line West Boundary: the state water boundary</p>	<p>Ten Mile SMR / SMCA</p>  <p>Legend: Proposed State Marine Reserve (SMR) Proposed State Marine Conservation Area (SMCA)</p>
<p>Ten Mile Beach SMCA</p> <p>Proposed Allowed Uses (Take Regulations) The take of all living marine resources is prohibited except:</p> <ol style="list-style-type: none"> 1. The commercial take of Dungeness crab (TRAP). 2. The recreational take of Dungeness crab (HOOP NET, DIVING OR TRAP). 3. The recreational take, intended to accommodate tribal uses, of: <ul style="list-style-type: none"> • rockfishes, cabezon, greenling, lingcod, sculpin, California halibut, Pacific halibut, redbtail surfperch, other surfperch, salmon, stickleback and Pacific lamprey (HOOK AND LINE); • shiner surfperch, surf smelt, herring and anchovy (DIP NET OR CAST NET); • eulachon (DIP NET); • anchovy, sardine and mackerel (2 species) (HAND); • Pacific lamprey (SPEARFISHING OR BOW AND ARROW); • octopus and bay ghost shrimp (HAND); • red abalone, snails (7 species), limpets (2 species), clams (10 species), mussels, oysters, scallops, red urchin, and purple urchin (HAND); • market squid (DIP NET OR CAST NET); • Dungeness crab, rock crabs and shore crabs (TRAP OR HOOP NET); • coonstripe shrimp and spot prawn (TRAP); • giant kelp, bull kelp, turf-forming and foliose algae (except for sea palm) (HAND). <p>MPA Boundaries (These may be approximate) North Boundary: 39° 33.3 South Boundary: 39° 32.5 East Boundary: mean high tide line West Boundary: the state water boundary</p>	

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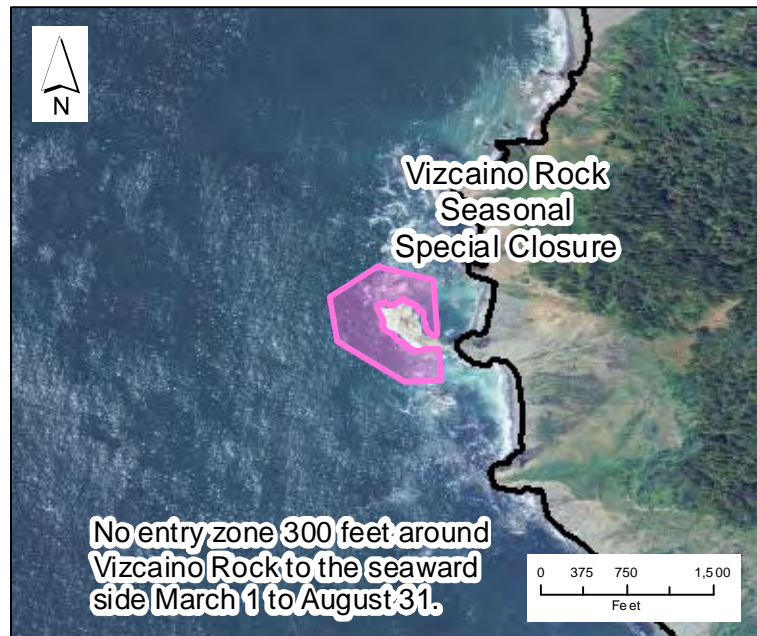
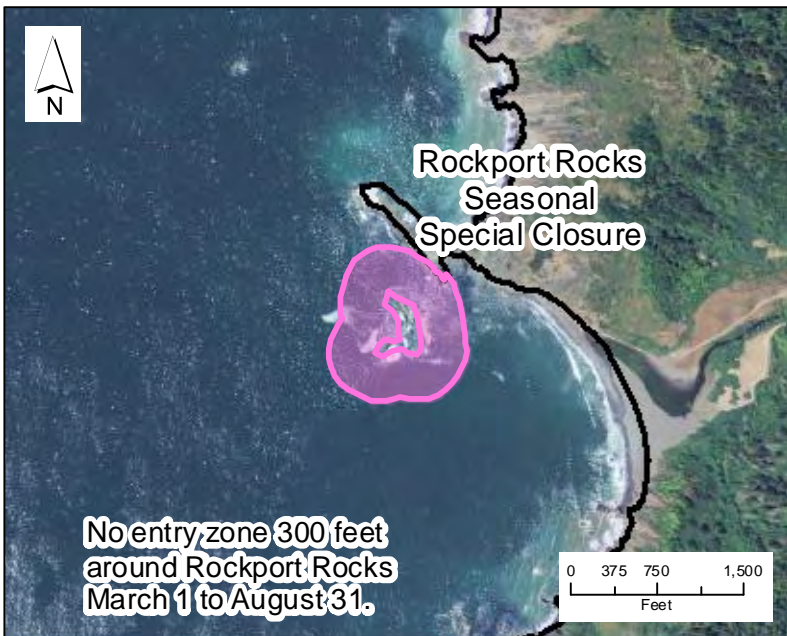
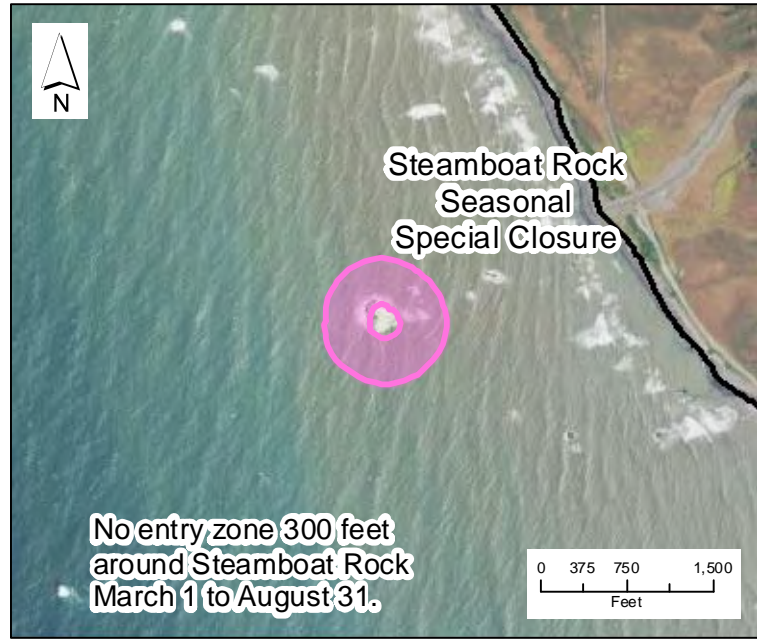
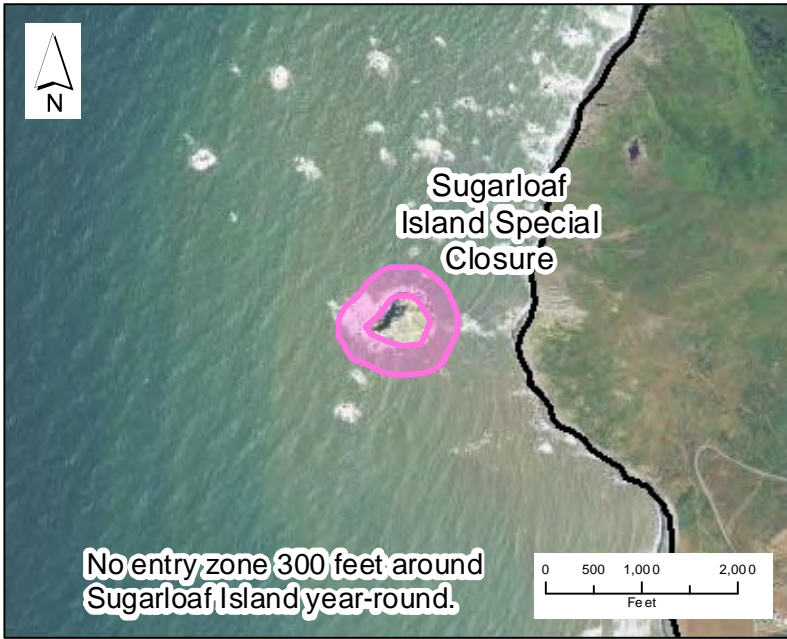
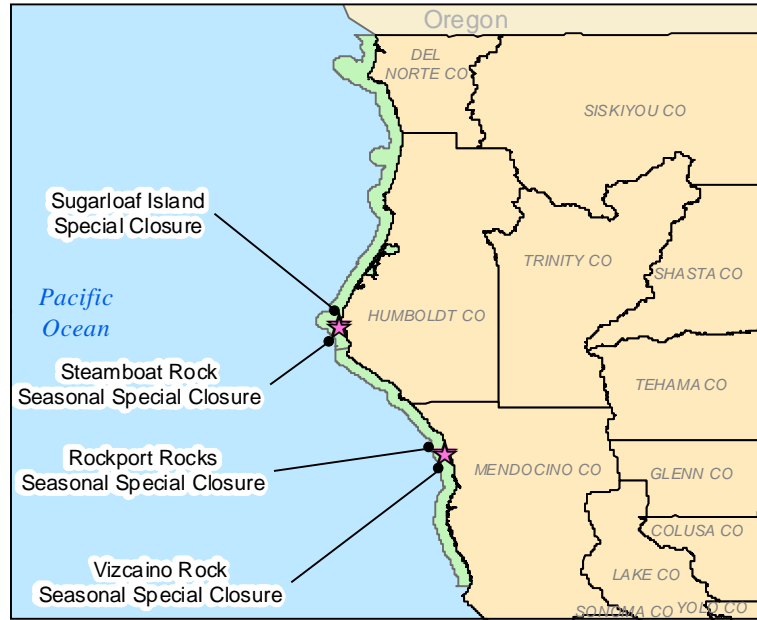
California Marine Life Protection Act (MLPA) Initiative

-  Proposed Special Closure
-  North Coast Study Region Boundary

Disclaimer:
This map represents the Round 3 special closures recommendation developed by the MLPA North Coast Regional Stakeholder Group (NCRSG) for consideration by the MLPA Blue Ribbon Task Force. Special closures displayed on this map were developed by the NCRSG separately from the Round 3 NCRSG Marine Protected Area (MPA) Proposal. The recommended special closures are intended to link to the Round 3 NCRSG MPA Proposal, but are separate from that proposal. The Round 3 NCRSG Special Closures Recommendation is under review; it is not a recommendation to the Fish and Game Commission.

For more information, visit <http://www.northcoast.marinemap.org>

Date: September 21, 2010



California MLPA North Coast Study Region
Round 3: Description of Marine Protected Areas in the Round 3 NCRSG MPA Proposal
Document Created September 21, 2010

MPA Name	MPA ID	Bio-region	MPA Boundaries (Exact or Approximate)	Designation	Preliminary Level of Protection*	Proposed Allowed Uses (Take Regulations)	Other Proposed Regulations	Regional Goals/ Objectives
Vizcaino SMCA	1004765	Southern	North: 39° 48.5 South: 39 44.3 West: State water boundary East: Mean high tide line	SMCA	Low	The take of all living marine resources is prohibited except: 1. The commercial take of salmon (TROLL); and Dungeness crab (TRAP). 2. The recreational take of salmon (TROLL); and Dungeness crab (HOOP NET, DIVING OR TRAP). 3. The recreational take, intended to accommodate tribal uses, of: <ul style="list-style-type: none"> • rockfishes, cabezon, greenling, lingcod, sculpin, California halibut, Pacific halibut, redbtail surfperch, other surfperch, salmon, stickleback and Pacific lamprey (HOOK AND LINE); • shiner surfperch, surf smelt, herring and anchovy (DIP NET OR CAST NET); • eulachon (DIP NET); • anchovy, sardine and mackerel (2 species) (HAND); • Pacific lamprey (SPEARFISHING OR BOW AND ARROW); • red abalone, snails (7 species), limpets (2 species), clams (10 species), mussels, oysters, scallops, red urchin, and purple urchin (HAND); • market squid (DIP NET OR CAST NET); 	Recommend that Department of Fish and Game explore co-management opportunities with local tribes and tribal communities.	G1: (O-1.2,O-1.4) G2: (O-2.4) G4: (O-4.1,O-4.2) G5: (O-5.3,O-5.4) G6: (O-6.1,O-6.2)
Vizcaino SMCA (continued)	1004765					<ul style="list-style-type: none"> • Dungeness crab, rock crabs and shore crabs (TRAP OR HOOP NET); • coonstripe shrimp and spot prawn (TRAP); • octopus and bay ghost shrimp (HAND); • giant kelp, bull kelp, turf-forming and foliose algae (except for sea palm) (HAND). 		

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve SMRMA = state marine recreational management area
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MPA Name	Site-specific Rationale	NCRSG Motion	Other Design Considerations
Vizcaino SMCA	This SMCA is designed to protect rocky shore habitat. Its high diversity of benthic species, and both hard bottom and soft bottom communities, will help sustain, conserve, and protect marine life populations. It is a rarely visited remote area. Socioeconomic impacts were considered when placing it here. An important crab and salmon area (see allowed uses), it is the only preferred sized MPA in the southern bioregion. Designed to maintain mod-high LOP.	The NCRSG proposes that the following language be included in the MPA regulations: "All California Indian Tribal traditional, non-commercial fishing, gathering, and harvesting for subsistence, ceremonial or stewardship purposes shall be uses that are exercised by the members of California Indian tribes and tribal communities."	Socioeconomic impacts were considered when developing the level of protection to allow commercial crabbing and salmon trolling. The placement is above Rockport Beach and below Usal Beach, both public access points, so to avoid conflicts with public use. Intended to function with Ten Mile cluster to the south. Designed to maintain a mod-high LOP. No wave energy projects or oil exploration/leases.
Vizcaino SMCA (continued)			

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MPA Name	MPA ID	Bio-region	MPA Boundaries (Exact or Approximate)	Designation	Preliminary Level of Protection*	Proposed Allowed Uses (Take Regulations)	Other Proposed Regulations	Regional Goals/ Objectives
Ten Mile SMR	1004761	Southern	Northern boundary: 39 35.9 Southern Boundary: 39 33.3 East: Mean high tide line West: State waters	SMR	Very High	Take of all living marine resources is prohibited.	Recommend that Department of Fish and Game explore co-management opportunities with local tribes and tribal communities.	G1: (O-1.1,O-1.2,O-1.3) G2: (O-2.2,O-2.3) G3: (O-3.2) G4: (O-4.2) G5: (O-5.4) G6: (O-6.2)
Ten Mile SMR (continued)	1004761							

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MPA Name	Site-specific Rationale	NCRSG Motion	Other Design Considerations
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, critical nesting and breeding marine bird habitat. This MPA is close to Fort Bragg, with numerous coastal access points making research, long-term monitoring, recreation and enforcement possible.	The NCRSG proposes that the following language be included in the MPA regulations: "All California Indian Tribal traditional, non-commercial fishing, gathering, and harvesting for subsistence, ceremonial or stewardship purposes shall be uses that are exercised by the members of California Indian tribes and tribal communities."	The intent is to accommodate traditional, non-commercial, tribal activities when it becomes possible within California legal authority. The northern boundary is south of a public access fishing area. The southern boundary allows traditional tribal activities on Seaside Beach. Designed to function as a cluster with adjacent SMCA and estuary MPA. This SMR is 41 miles north of the Pt. Arena SMR to minimize the cumulative effects of effort shift for all commercial, recreational and subsistence fishing and seaweed harvesting, that would otherwise take place if an MPA was sited within the preferred spacing guidelines. These compromises were made to get as close to the science guidelines as possible.
Ten Mile SMR (continued)			Located at the north end of this MPA is an established marine monitoring site, that along with numerous coastal access points makes it easy for research, recreation and enforcement. We encourage DFG to explore research of ecosystem interaction, i.e., sea urchin/kelp in support of adaptive management.

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MPA Name	MPA ID	Bio-region	MPA Boundaries (Exact or Approximate)	Designation	Preliminary Level of Protection*	Proposed Allowed Uses (Take Regulations)	Other Proposed Regulations	Regional Goals/ Objectives
Ten Mile Beach SMCA	1004762	Southern	North: 39 33.3 South: 39 32.5 East: Mean high tide line West: State waters	SMCA	Low	The take of all living marine resources is prohibited except: 1. The commercial take of Dungeness crab (TRAP). 2. The recreational take of Dungeness crab (HOOP NET, DIVING OR TRAP). 3. The recreational take, intended to accommodate tribal uses, of: <ul style="list-style-type: none"> • rockfishes, cabezon, greenling, lingcod, sculpin, California halibut, Pacific halibut, redbtail surfperch, other surfperch, salmon, stickleback and Pacific lamprey (HOOK AND LINE); • shiner surfperch, surf smelt, herring and anchovy (DIP NET OR CAST NET); • eulachon (DIP NET); • anchovy, sardine and mackerel (2 species) (HAND); • Pacific lamprey (SPEARFISHING OR BOW AND ARROW); • octopus and bay ghost shrimp (HAND); • red abalone, snails (7 species), limpets (2 species), clams (10 species), mussels, oysters, scallops, red urchin, and purple urchin (HAND); • market squid (DIP NET OR CAST NET); • Dungeness crab, rock crabs and shore crabs (TRAP OR HOOP NET); 	Recommend that Department of Fish and Game explore co-management opportunities with local tribes and tribal communities. No wave energy projects or oil exploration/leases.	G2: (O-2.4) G4: (O-4.1) G6: (O-6.2)
Ten Mile Beach SMCA (continued)	1004762					<ul style="list-style-type: none"> • coonstripe shrimp and spot prawn (TRAP); • giant kelp, bull kelp, turf-forming and foliose algae (except for sea palm) (HAND). 		

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MPA Name	Site-specific Rationale	NCRSG Motion	Other Design Considerations
Ten Mile Beach SMCA	Adds protection for soft bottom habitat to the adjacent SMR proposed to the north. Connects the estuarine MPA to the offshore SMR. Socioeconomic impacts considered: Important crab fishing area just within the 10 Mile Safety Zone from Noyo Harbor. Designed to maintain a mod-high LOP.	The NCRSG proposes that the following language be included in the MPA regulations: "All California Indian Tribal traditional, non-commercial fishing, gathering, and harvesting for subsistence, ceremonial or stewardship purposes shall be uses that are exercised by the members of California Indian tribes and tribal communities."	Extremely important crabbing area for the private recreational and commercial passenger fishing vessel fleet out of Fort Bragg; closing the area to crabbing would have a significant negative economic impact.
Ten Mile Beach SMCA (continued)			

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Ten Mile Estuary SMRMA	1004651	Southern	From the mouth of Ten Mile River (abuts Ten Mile SMCA) inland to the west bank of the south fork of the Ten Mile.	SMRMA	Very High	Take of all living marine resources is prohibited.	Recommend that Department of Fish and Game explore co-management opportunities with local tribes and tribal communities. Waterfowl hunting allowed (if determined that waterfowl hunting is not allowed then should change designation to SMR)	G1: (O-1.1,O-1.2,O-1.4,O-1.5) G2: (O-2.1,O-2.3) G3: (O-3.1) G4: (O-4.1) G5: (O-5.4) G6: (O-6.1,O-6.2)
Point Cabrillo SMR	1004829	Southern	Southern boundary = 39° 20.600' Northern boundary = 39° 21.400' Western boundary = 123° 50' East boundary = Mean high tide line	SMR	Very High	Take of all living marine resources is prohibited.	Recommend that Department of Fish and Game explore co-management opportunities with local tribes and tribal communities.	G3: (O-3.1,O-3.3)
Point Cabrillo SMR (continued)	1004829							

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