

**California MLPA North Central Coast Project**  
**Regional Stakeholder Group (NCCRSR) Marine Protected Area (MPA) Proposal 2-XA (March 19, 2008 version)**  
*Revised May 23, 2008*

**Name of NCCRSR MPA Proposal:** Proposal 2-XA (March 19, 2008 version)

**Number / types of MPAs:**   9   SMR   1   SMP   8   SMCA  18  Total # MPAs

**Number / types of other closures:**   3   SMRMA   5   Special closures

**Narrative rationale:** See attached document for narrative rationale

**Persistent Narrative:** Included within this array are, to the extent possible, replicates of all representative marine habitats found within the NCCSR that are identified in the MLPA Master Plan across a range of depths. (G4-O2) To insure the best and most favorable outcome of this array, involve interested parties to monitor, evaluate and integrate these MPA's into the statewide framework of California's improved system of MPA's using standardized biological and socioeconomic monitoring protocols, effective management measures, effective enforcement, and sound science. (G5-O2) A process of continued stakeholder involvement, using all forms of current communication, to the extent possible, should be developed in order to review and further evaluate the MPA's within this array as an integral part of an overall statewide network. Stakeholders (RSG) should be maintained in a group such as the Statewide Interest

*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	Type	GIS ID#	Exact MPA Boundaries1	Proposed Regulations	SAT Assigned Level of Protection	Regional Goals/ Objectives [Format: "G1O3" for Goal 1, Objective 3)
Pt Arena SMR	SMR	JD1	This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed: mean high tide & 123 44.5' W. long.; 38 59.3' N. lat. 123 44.5' W. long.; 38 59.3' N. lat. 123 46' W. long.; 38 56.4' N. lat. (line of trees and Lighthouse Rd. is the visible landmark) 123 46' W. long.; and 38 56.4' N. lat. mean high tide; connecting to first point at mean high tide.	All take of living marine resources is prohibited.	Very High	G1-O1, G1-O2, G1-O3, G1-O4, G1-O5, G2-O1, G2-O2, G2-O3, G3-O1, G3-O2, G3-O3, G3-O4, G5-O1, G5-O3
Pt Arena SMR (continued)	SMR	JD1				
Pt Arena SMCA	SMCA	JD2	This area is bounded by the following points in the order given; 123 46.0 W Long.; 38 59.3 N Lat.; then West to the state waters boundary line and then South along the state waters boundary line to 38 56.4' N lat. (line of trees and Lighthouse Rd. is the visible landmark); then East to 123 46.0 W Long, and North along the 123 46.0 W line to starting point.	All take of living marine resources is prohibited except: 1). Only the following species may be taken commercially: pelagic finfish by hook and line (salmonids by troll only) and coastal pelagic finfish by pelagic seine in accordance with state regulations. 2). Only the following species may be taken recreationally: pelagic finfish by hook and line (salmonids by troll only) and coastal pelagic finfish by pelagic seine in accordance with state regulations.	High	G1-O2, G1-O3, G2-O1, G2-O2, G2-O3, G2-O4, G3-O1, G3-O2, G3-O3, G3-O4, G5-O1, G5-O3

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MPA Name	MPA Specific Objectives	DFG Feasibility Guidance: Justification if MPA does not follow guidance	SAT Guidelines: Justification if MPA does not meet guidelines	Other Comments/Clarification
<b>Pt Arena SMR</b>	<p>Ex of species likely to benefit: nearshore &amp; shelf rockfishes, lingcod, cabezon, kelp greenling, surfperches, abalone, Dungeness crab, invertebrates, &amp; algae, seabirds &amp; mammals.</p> <p>1) Protect area of high benthic species diversity &amp; maintain species diversity &amp; abundance characteristic of north central coast region north of Point Reyes (G1-O1).</p> <p>2) Monitor appropriate indicator species with focus on Nearshore Fishery Management Plan species (G1-O5).</p> <p>3) Provide protection to area that contains one of most persistent &amp; important upwelling plumes along entire California Coast &amp; provides for significant downstream larval dispersal (G1-O5).</p> <p>4) Help restore depleted species, such as nearshore &amp; deeper nearshore species (G2-O1).</p> <p>5) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).</p>	<p>Follows DFG Guidance to the extent possible using at least 1/10-minute intervals at all corners. Floating corners exist at boundary between SMR and SMCA as well as in the northeast corner of SMR where boundary falls short of mean high tide. In this instance we used 1/2-minute increments to denote coordinates in order to reduce significant socioeconomic impacts to Dungeness crab harvest that occur along Manchester Beach.</p>	<p>MPA meets SAT guidelines at the Very High level of protection.</p>	<p>Availability of local BLM rangers would enhance enforcement ability.</p>
<b>Pt Arena SMR (continued)</b>	<p>6) Protect area with diverse habitats &amp; associated species including kelp forest ecosystems (G1-O3).</p> <p>7) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).</p> <p>8) Protect forage base for colonies of marine mammals &amp; sea birds as well as protect colonies from disturbance (G1-O3,G2-O3).</p> <p>9) Protect natural trophic structure &amp; food webs, including prey for other fish, marine birds &amp; marine mammals (G1-O4).</p>	<p>Whole minutes of latitude could not be used to anchor the boundary between SMR and SMCA because of extreme socioeconomic impacts that would result to numerous commercial and recreational fisheries.</p>		
<b>Pt Arena SMCA</b>	<p>Ex of species likely to benefit: deeper nearshore and shelf rockfishes, lingcod, Dungeness crab, halibut, invertebrates, and algae, seabirds and mammals.</p> <p>1) Protect an area of high benthic species diversity and abundance characteristic of the North central coast region north of Point Reyes and monitor appropriate indicator species with focus on deeper nearshore species. (G1-O3)</p> <p>2) Help restore depleted species, such as near shore and deeper nearshore species (G2-O1).</p> <p>3) Protect larval sources and enhance reproductive capacity of shelf species including rockfishes (G2-O2).</p> <p>4) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).</p> <p>5) Provide comparison analysis environment by providing SMR adjacent to SMCA and fully accessible area within a single reef complex (G1-O2).</p>	<p>Follows DFG Guidance to the extent possible using at least 1/10-minute intervals at all corners. Floating corners exist at boundary between SMR and SMCA but are designated using 1/10-minute intervals for ease of enforcement Whole minutes of latitude could not be used to anchor the boundary between SMR and SMCA because of extreme socioeconomic impacts that would result to numerous commercial and recreational fisheries.</p>	<p>MPA meets SAT guidelines at the High level of protection.</p>	<p>MPA cluster is designed to meet a "High" Level of Protection. Any species found in the definition of "pelagic finfish" should also meet the "High" level of protection. Should some species not meet this level of protection it is intended that harvest of those species would not be allowed in this MPA.</p>

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<b>Black Point SMR</b>	SMR	XX4	This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed: 38 42.8' N. lat. 123 27.36' W. long.; 38 42.8' N. lat. 123 30' W. long.; and 38 39.5' N. lat. 123 27' W. long.; 38 39.5' N. lat. 123 24.44' W. long.	All take of living marine resources is prohibited	Very High	G1-O1, G1-O2, G1-O3, G1-O4, G1-O5, G2-O1, G2-O2, G2-O3, G3-O1, G3-O2, G3-O3, G3-O4, G5-O1, G5-O3
<b>Black Point SMR (continued)</b>	SMR	XX4				
<b>Black Point SMCA</b>	SMCA	XX5	This area is bounded by straight lines connecting the following points in the order listed except where noted: 38 42.8' N. lat. 123 30' W. long.; 38 42.8' N. lat. 123 34.31' W. long.; thence southward along the three nautical mile offshore boundary to 38 39.5' N. lat. 123 29.44' W. long. and 38 39.5' N. lat. 123 27' W. long.	All take of living marine resources is prohibited except: 1). Only the following species may be taken commercially: pelagic finfish by hook and line (salmonids by troll only) and coastal pelagic finfish by pelagic seine in accordance with state regulations. 2). Only the following species may be taken recreationally: pelagic finfish by hook and line (salmonids by troll only) and coastal pelagic finfish by pelagic seine in accordance with state regulations.	High	G1-O2, G1-O3, G2-O1, G2-O2, G2-O3, G2-O4, G3-O1, G3-O2, G3-O3, G3-O4, G5-O1, G5-O3

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<b>Black Point SMR</b>	<p>Ex of species likely to benefit: nearshore &amp; shelf rockfishes, lingcod, cabazon, kelp greenling, surfperches, Dungeness crab, abalone, invertebrates &amp; algae, seabirds &amp; mammals.</p> <p>1) Protect area of high benthic species diversity &amp; maintain species diversity &amp; abundance characteristic of the north central coast region north of Point Reyes (G1-O1).</p> <p>2) Monitor appropriate indicator species with focus on Nearshore Fishery Management Plan species (G1-O5).</p> <p>3) Protect natural trophic structure &amp; food webs, including prey for other fish, marine birds &amp; marine mammals (G1-O4).</p> <p>4) Provide protection to area that contains one of most persistent &amp; important upwelling plumes along entire California Coast &amp; provides for significant downstream larval dispersal (G1-O5).</p> <p>5) Help restore depleted species, such as near shore &amp; deeper nearshore species (G2-O1).</p> <p>6) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).</p>	<p>At least 1/10-minute intervals at all corners. At the boundary between SMR and SMCA whole minutes of longitude were used while latitude used a minimum of 1/10th minute resolution. Moving the northern boundary further north would have eliminated an important access point at Stengel Beach in The Sea Ranch. The southern boundary uses 1/2-minute resolution.</p>	<p>MPA meets SAT guidelines at the Very High level of protection.</p>	<p>Maintains traditional access and use of Horseshoe Cove by kayakers. Addresses land ownership and boat access south of Black Point. Protects stock of 10-inch abalone found between Stewarts Point and The Sea Ranch. Protects kelp forest ecosystem and expected biodiversity unique to this environment.</p>
<b>Black Point SMR (continued)</b>	<p>7) Protect area with diverse habitats &amp; associated species including kelp forest ecosystems.</p> <p>8) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).</p> <p>9) Protect forage base for colonies of marine mammals &amp; sea birds as well as protect colonies from disturbance (G1-O4,G1-O5,G2-O3).</p> <p>10) Provide comparison analysis environment by providing SMR adjacent to SMCA &amp; fully accessible area within single reef complex (G1-O2).</p> <p>11) Protect area notable for large abalone that traditionally has had very limited shore-based public access (G2-O2).</p> <p>12) Protect area of local ecological importance currently designated the Sea Ranch Association Marine Preserve.</p> <p>13) Protect area that has good public access to supplement &amp; enhance non-consumptive diving opportunities (G3-O1).</p>	<p>A diagonal line was used between the SMR and SMCA that follows the general direction of the shore while having the additional benefit of following depth contours used in the salmon troll fishery.</p>		
<b>Black Point SMCA</b>	<p>Ex of species likely to benefit: deeper nearshore &amp; shelf rockfishes, lingcod, halibut, Dungeness crab, invertebrates, &amp; algae, seabirds &amp; mammals.</p> <p>1) Protect area of high benthic species diversity &amp; maintain species diversity &amp; abundance characteristic of north central coast region north of Point Reyes except salmonids.</p> <p>2) Help restore depleted species, such as near shore &amp; deeper nearshore species (G2-O1).</p> <p>3) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).</p> <p>4) Protect area with diverse habitats &amp; associated species including kelp forest ecosystems.</p> <p>5) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).</p> <p>6) Provide comparison analysis environment by providing SMR adjacent to SMCA and fully accessible area within a single reef complex (G1-O2).</p>	<p>Followed DFG feasibility guidelines to the extent possible by using at least 1/10-minute intervals at all corners. At the boundary between SMR and SMCA whole minutes of longitude were used while latitude used a minimum of 1/10th minute resolution. Moving the northern boundary further north would have eliminated an important access point at Stengel Beach in The Sea Ranch. The southern boundary uses 1/2-minute resolution.</p> <p>A diagonal line was used between the SMR and SMCA that follows the general direction of the shore while having the additional benefit of following depth contours used in the salmon troll fishery.</p>	<p>MPA meets SAT guidelines at the High level of protection.</p>	<p>Inshore/offshore configuration proposed to mitigate for salmon "tack" (once troll gear is set to a particular depth contour, very difficult to change depths fished &amp; nature of coastline is such that following contour is desirable both for safety &amp; compliance reasons). Offshore SMCA configuration keeps level of protection at high level.</p> <p><b>NEED FOR SPECIAL CONSIDERATION:</b> See note at end of document.</p> <p>MPA cluster is designed to meet "High" level of protection. Any species found in definition of "pelagic finfish" should also meet "High" level of protection. Should allowing harvest of some species not meet this level of protection, it is intended that harvest of those species would not be allowed.</p>

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<b>Gerstle Cove SMR</b>	SMR	JD7	This area is bounded by the mean high tide line and a straight line connecting the following points: 38 33.93' N. lat. 123 19.85' W. long.; and 38 33.93' N. lat. 123 19.65' W. long.	All take of living marine resources is prohibited	Very High	G1-01, G1-03, G1-04, G2-02
<b>Russian River Estuary SMRMA</b>	SMRMA	JD9	This area consists of waters below the mean high tide line within the Russian River Estuary (upriver to the Highway 1 Bridge) eastward of a line drawn between the following points: 38 27.13' N. lat. 123 7.77 W. long, and 38 27.11' N. lat. 123 7.74'W. long.	All take of living marine resources is prohibited except recreational hunting of waterfowl is allowed unless otherwise restricted by hunting regulations (sections 502, 550, 551, and 552).	Very High	G1-03, G1-05, G2-01, G2-02, G4-01
<b>Russian River SMCA</b>	SMCA	JD10	This area is bounded by the mean high tide line, a straight line connecting the following points at the Russian River mouth: 38 27.13' N. lat. 123 7.77 W. long. and 38 27.11' N. lat. 123 7.74'W. long., and straight lines connecting the following points in the order listed: 38 27.38' N. lat. 123 8.51' W. long.; 38 26.37' N. lat. 123 8.53' W. long.; and 38 26.38' N. lat. 123 7.63' W. long.	Take of all marine resources is prohibited except: 1). Only the following species may be taken recreationally: All species of invertebrates and finfish except Chinook salmon. 2). Only the following species may be taken commercially: All species of invertebrates and finfish except Chinook salmon.	Low	G2-04, G3-01, G5-01

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<b>Gerstle Cove SMR</b>	Ex of species likely to benefit: nearshore rockfishes, surfperch, abalone, kelp greenling, mussels, invertebrates & algae. 1) Protect small existing reserve that has high species diversity & established age structure of populations in nearshore rocky habitat (G1, Objectives 1, 3). 2) Protect established trophic structure & associated food webs in nearshore rocky habitat & sustain reproduction by species most likely to benefit by continuing to retain large, mature individuals (G2O2).	This small existing SMR is a local favorite of Salt Point State Park and is well known among the local user groups and local enforcement.	This small existing SMR is not intended to follow guidance for size and spacing and is not required. It is a local favorite of Salt Point State Park and is well known among the local user groups and local enforcement.	No change to current size.
<b>Russian River Estuary SMRMA</b>	Ex of species most likely to benefit: Russian River salmonids including Chinook, Coho & Steelhead, sea & land birds, tidal marsh & open channels, mud flats, eel grass beds & expected estuarine species. 1) Protect unique genetic population of salmonids indigenous to Russian River drainage (G1-O3). 2) Protect ecosystem structure function & ecological processes to facilitate recovery of salmonids from disturbances both natural & human induced (G1-O5). 3) Protect unique estuarine ecosystem & associated species in a seasonally closed and/or restricted shoreline at the mouth of Russian River (G4-O1).	This SMR extends from the Russian River mouth to the Highway 1 bridge upstream and along the mean high tide line or waters edge as the seasonal opening level changes.	Not intended to meet SAT guidelines for size and spacing.	
<b>Russian River SMCA</b>	Ex of species likely to benefit: Chinook salmon. 1) Protect Russian River Chinook salmon while allowing other recreational and commercial harvest (G2-O4; G5-O1).	Uses major points or coastal landmarks to identify MPA boundaries. Follows feasibility guidelines to extent possible.	Not intended to contribute to SAT size and spacing.	MPA will protect Russian River salmonids from heavy, targeted fishing pressure during sensitive stage in life cycle. During seasonal aggregation, Chinook salmon stage at mouth of river until heavy flows or maintenance dredging occurs to allow salmon to migrate into river system. During this time they are especially vulnerable to concentrated fishing effort. In the interest of Dept. feasibility guidelines, this proposal would recognize the use of two options at their discretion. 1. The use of hook and line would be prohibited for all forms of "take". 2. The use of Title 14 Section 27.75 used outside the MLPA process. Either of these solutions would accomplish the goals set forward for this MPA

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<b>Bodega Head SMR</b>	SMR	XX3	This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed except where noted: 38 20.1' N. lat. 123 4.04' W. long.; 38 20.1' N. lat. 123 8.38' W. long.; thence southward along the three nautical mile offshore boundary to 38 18.0' N. lat. 123 8.08' W. long.; and 38 18.0' N. lat. 123 3.64' W. long.	All take of living marine resources is prohibited	Very High	G1-O1, G1-O2, G1-O3, G1-O5, G2-O1, G2-O2, G2-O3, G3-O1, G3-O2, G3-O3, G3-O4, G5-O1, G5-O3
<b>Bodega Head SMR (continued)</b>	SMR	XX3				
<b>Bodega Head SMCA</b>	SMCA	XX7	This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed except where noted: 38 18.0' N. lat. 123 3.64' W. long. (at the intersection of mean high tide); 38 18.0' N. lat. 123 8.08' W. long.; thence southward along the three nautical mile offshore boundary to 38 13.35' N. lat. 123 3.44' W. long.; and 38 17.93' N. lat. 123 3.49' W. long.	All take of living marine resources is prohibited except: 1). Only the following species may be taken commercially: pelagic finfish (including salmonids) by troll or pelagic seine, Dungeness crab by traps, market squid by pelagic seine, in accordance with state regulations. 2). Only the following species may be taken recreationally: pelagic finfish (including salmonids) by troll or pelagic seine, Dungeness crab by traps, and market squid by pelagic seine, in accordance with state regulations.	Mod-high	G1-O2, G1-O3, G2-O1, G2-O2, G2-O3, G2-O4, G3-O1, G3-O2, G3-O3, G3-O4, G5-O1, G5-O3

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<b>Bodega Head SMR</b>	<p>Ex of species most likely to benefit: nearshore, shelf &amp; deeper nearshore rockfishes, lingcod, cabezon, kelp greenling, surfperches, kelp, Dungeness crab, murrens, guillemots, cormorants, auklets, halibut, harbor seals, sealions, sharks, mussels, rays, forage fishes, invertebrates &amp; algae.</p> <p>1) Protect area of high benthic species diversity &amp; maintain species diversity &amp; abundance characteristic of north central coast region north of Point Reyes (G1-O1).  2) Monitor appropriate indicator species with focus on Nearshore &amp; Deeper Nearshore Fishery Management Plan species (G1-O5).  3) Protect natural trophic structure &amp; food webs, including prey for other fish, marine birds &amp; marine mammals.  4) Provide protection to area that contains one of most persistent &amp; important upwelling plumes along entire California Coast &amp; provides for significant down stream larval dispersal (G1-O5).  5) Help restore depleted species, such as near shore &amp; deeper nearshore species (G2-O1).  6) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).</p>	<p>Followed DFG Feasibility guidelines by using at least 1/10-minute resolution for all boundaries.</p>	<p>MPA meets SAT guidelines at the Very High level of protection.</p>	<p>This MPA is part of a MPA cluster designed with the specific purpose of providing scientific comparative analysis across a range of depths and habitats, within the same reef complex, using no-take State Marine Reserves, limited-take State Marine Conservation Areas, and areas without MPA designation.</p>
<b>Bodega Head SMR (continued)</b>	<p>7) Protect area with diverse habitats &amp; associated species including kelp forest ecosystems.  8) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).  9) Protect forage base for colonies of marine mammals &amp; sea birds as well as protect colonies from disturbance.  10) Provide comparison analysis environment by providing SMR adjacent to SMCA across range of depths &amp; fully accessible area within single reef complex in close proximity to Bodega Bay Marine Lab (G1-O2, G3-O1)</p>			
<b>Bodega Head SMCA</b>	<p>Ex of species most likely to benefit: nearshore, shelf &amp; deeper nearshore rockfishes, lingcod, cabezon, kelp greenling, surfperches, kelp, murrens, guillemots, cormorants, auklets, halibut, harbor seals, sealions, sharks, mussels, rays, forage fishes, invertebrates (except Dungeness crab) &amp; algae.</p> <p>1) Minimize effect of fishing on area of high benthic species diversity characteristic of north central coast region north of Point Reyes while allowing specific recreational and commercial harvest. (G5-O1).  2) Protect natural trophic structure &amp; food webs, including prey for other fish, marine birds &amp; marine mammals.  3) Help restore depleted species, such as near shore and deeper nearshore species (G2-O1).  4) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).  5) Protect area with diverse habitats and associated species including kelp forest ecosystems.  6) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).</p>	<p>Followed DFG Feasibility guidelines by using at least 1/10-minute resolution for all boundaries.</p>	<p>MPA was intentionally designed to meet Moderate-High level of protection. MPA is part of cluster designed with specific purpose of providing scientific comparative analysis across range of depths &amp; habitats, within same reef complex, using no-take SMRs, limited-take SMCA's, &amp; areas without MPA designation.</p> <p>SMCA is also one of three critical salmon &amp; crab locations for recreational &amp; commercial users. Specifically, SMCA provides safe access to small-boat users originating from Bodega Harbor &amp; Tomales Bay due to proximity just outside of these access points.</p>	<p>This area is an important fishing location located close to a major harbor that allows safe access for small boats including human powered vessels. MPA cluster is designed to meet a "Moderate-High" Level of Protection. Any species found in the definition of "pelagic finfish" should also meet the "Moderate-High" level of protection. Should allowing harvest of some species not meet this level of protection, it is intended that harvest of those species would not be allowed in this MPA.</p>

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<b>Bodega Head SMCA (continued)</b>	SMCA	XX7				
<b>Estero Americano SMRMA</b>	SMRMA	JD13	This area consists of waters below the mean high tide line within the Estero Americano eastward of a line drawn between the following points: 38 17.82' N. lat. 123 0.16 W. long. and 38 17.8' N. lat. 123 0.13' W. long.	All take of living marine resources is prohibited except recreational hunting of waterfowl is allowed unless otherwise restricted by hunting regulations (sections 502, 550, 551, and 552).	Very High	G1-01, G1-03, G1-04, G2-02, G2-03, G3-03, G4-01
<b>Estero de San Antonio SMRMA</b>	SMRMA	JD14	This area consists of waters below the mean high tide line within the Estero de San Antonio eastward of a line drawn between the following points in the order listed: 38 16.25' N. lat. 122 58.64 W. long.; 38 16.12' N. lat. 122 58.56' W. long.; and 38 16.07' N. lat. 122 58.56' W. long.	All take of living marine resources is prohibited except recreational hunting of waterfowl is allowed unless otherwise restricted by hunting regulations (sections 502, 550, 551, and 552).	Very High	G1-01, G1-03, G1-04, G2-02, G2-03, G3-03, G4-01
<b>Pt Reyes Headlands SMR</b>	SMR	XX8	This area is bounded by the mean high tide line, a straight line connecting the following points at the Drake's Estero mouth: 38 1.92' N. lat. 122 56.32 W. long. and 38 1.81' N. lat. 122 55.6' W. long., and straight lines connecting the following points in the order listed: 37 59.9' N. lat. 123 1.295' W. long.; 37 59.9' N. lat. 123 2.0 W. long.; 37 59.0 N. lat. 123 2.0W. long.; the buoy near 37 59.0' N. lat. 122 57.44' W. long.; and 38 1.734' N. lat. 122 55.0 W. long.	All take of living marine resources is prohibited	Very High	G1-01, G1-02, G1-03, G1-04, G1-05, G2-01, G2-02, G2-03, G3-01, G3-02, G3-03, G3-04, G5-01, G5-03

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<b>Bodega Head SMCA (continued)</b>	7) Provide comparison analysis environment by providing SMCA adjacent to SMR across a range of depths and fully accessible area within single reef complex in close proximity of Bodega Bay Marine Lab (G1-O2, G3-O1, O3). 8) Protect one of rare hard bottom reef complexes in NCCSR that extend from shore seaward to state water boundary.		Primary fisheries are troll salmon & Dungeness crab. For safety reasons it is extremely important that these sustainable & non-conflicting uses be allowed to continue in this SMCA.	
<b>Estero Americano SMRMA</b>	Ex of species most likely to benefit: Significant seabird aggregations, striped bass, starry flounder, gobies eelgrass, ghost shrimp, mud shrimp, & brackish water clams 1) Protect species diversity and abundance, trophic structure & food webs, natural age structure & genetic diversity in representative habitats (G1-O1,O3,O4) 2) Sustain or increase reproduction of species by protecting & retaining large individuals & protecting breeding, foraging, rearing & nursery areas (G2-O2,O3) 3) Enhance scientific validity with similar habitat replicated in close proximity (G3-O3)			Waterfowl hunting under existing regulations not expected to be impacted by the designation of this area as a State Marine Recreational Management Area.
<b>Estero de San Antonio SMRMA</b>	Ex of species most likely to benefit: Significant seabird aggregations, striped bass, starry flounder, gobies eelgrass, ghost shrimp, mud shrimp, & brackish water clams. 1) Protect species diversity & abundance, trophic structure and food webs, natural age structure & genetic diversity in representative habitats (G1-O1,O3,O4). 2) Sustain or increase reproduction of species by protecting & retaining large individuals & protecting breeding, foraging, rearing & nursery areas (G2-O2,O3) 3) Enhance scientific validity with similar habitat replicated in close proximity (G3-O3).			Waterfowl hunting under existing regulations not expected to be impacted by the designation of this area as a state marine recreational management area.
<b>Pt Reyes Headlands SMR</b>	Ex of species most likely to benefit: nearshore, shelf and deeper nearshore rockfishes, lingcod, cabezon, kelp greenling, surfperches, kelp, Dungeness crab, murre, guillemots, cormorants, auklets, halibut, harbor seals, sealions, sharks, mussels, rays, forage fishes, invertebrates & algae. 1) Protect area of high benthic species diversity & maintain species diversity & abundance characteristic of the north central coast region north of Point Reyes (G1-O1). 2) Monitor appropriate indicator species with focus on Nearshore and Deeper Nearshore Fishery Management Plan species (G1-O5). 3) Protect natural trophic structure & food webs, including prey for other fish, marine birds & marine mammals (G1-O4). 4) Provide protection to area that contains persistent & important retention zone rarely found along entire California Coast (G1-O5). 5) Help restore depleted species, such as near shore and deeper nearshore species (G2-O1).	The northwest boundary of the SMR is intentionally set at 37 59.9 N rather than 38 00.0 N to avoid bisecting a cove where significant recreational and commercial halibut fishing occurs. This was done to mitigate the impact of California halibut harvest caused by the SMR encompassing the Chimney Rock halibut harvest area.	Meets SAT guidelines for very high protection.	

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<b>Pt Reyes Headlands SMR (continued)</b>	SMR	XX8				
<b>Pt Reyes Headlands SMCA</b>	SMCA	XX6	This area is bounded by the straight lines connecting the following points in the order listed except where noted: 37 59.0' N. lat. 123 2.0' W. long.; 37 56.72' N. lat. 123 2.0' W. long.; thence southward along the three nautical mile offshore state boundary to 37 56.38' N. lat. 122 57.44' W. long.; and the Chimney Rock buoy at 37 59.0' N. lat. 122 57.44' W. long.	All take of living marine resources is prohibited except: 1). Only the following species may be taken commercially: pelagic finfish by hook and line (salmonids by troll only), coastal pelagic finfish by pelagic seine, market squid by pelagic seine, and Dungeness crab by trap/pot. 2). Only the following species may be taken recreationally: pelagic finfish by hook and line (salmonids by troll only), coastal pelagic finfish by pelagic seine, market squid by pelagic seine, and Dungeness crab by trap/pot.	Mod-high	G1-O2, G1-O3, G2-O1, G2-O2, G2-O3, G2-O4, G3-O1, G3-O2, G3-O3, G3-O4, G5-O1, G5-O3
<b>Pt Reyes Headlands SMCA (continued)</b>	SMCA	XX6				
<b>Estero de Limantour SMR</b>	SMR	XX12	All estuarine waters south and east to the mean high tide of line connecting 38 2.66' N. lat. 122 56.87' W. long. and 38 2.66' N. lat. 122 56.19' W. long. and at the mouth of Drakes Bay at 38 1.92' N. lat. 122 56.32' W. long. and 38 1.81' N. lat. 122 55.6' W. long.	Take of all living marine resources is prohibited	Very High	G1-O1, G1-O3, G1-O4, G1-O5, G2-O2, G2-O3, G3-O3, G4-O1

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<b>Pt Reyes Headlands SMR (continued)</b>	6) Protect larval sources & enhance reproductive capacity of shelf species including rockfishes (G2-O2). 7) Protect area with diverse habitats & associated species including kelp forest ecosystems. 8) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1). 9) Protect forage base for colonies of marine mammals & sea birds as well as protect colonies from disturbance (G1-O5). 10) Provide comparison analysis environment by providing SMR adjacent to SMCA across a range of depths.	Floating corners are set as close as possible to whole latitude and longitude minute lines, however, the unusual configuration of this site and the need to satisfy the many guidelines while reducing the socioeconomic impacts of this cluster, necessitates the use of 1/10th minute resolution and the use of the Chimney Rock Buoy.		
<b>Pt Reyes Headlands SMCA</b>	Ex of species most likely to benefit: nearshore, shelf and deeper nearshore rockfishes, lingcod, cabezon, kelp greenling, surfperches, kelp, murre, guillemots, cormorants, auklets, halibut, harbor seals, sealions, sharks, mussels, rays, forage fishes, invertebrates (except Dungeness crab), & algae. 1) Minimize effect of fishing on area of high benthic species diversity characteristic of the north central coast region north of Point Reyes while allowing recreational and commercial harvest. (G5-O1). 2) Help restore depleted species, such as near shore and deeper nearshore species (G2-O1). 3) Protect larval sources & enhance reproductive capacity of shelf species including rockfishes (G2-O2). 4) Protect area with diverse habitats & associated species including kelp forest ecosystems. 5) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).	Whole minutes of latitude and longitude and/or buoys were used to comply with feasibility guidelines.	This SMCA meets SAT guidelines for Moderate High level of protection. This MPA is the most important of three SMCA's in this array that are critical for the viability of the local commercial and recreational fishing fleets. This SMCA is the only location that is sheltered from the dominant Spring and Summer NW winds that make fishing elsewhere extremely dangerous.	This SMCA meets SAT guidelines for the moderate-high level of protection. This MPA is critical for the viability of the local commercial and recreational fishing fleets. This SMCA is the only location that is sheltered from the dominant spring and summer prevailing northwest winds that make fishing elsewhere extremely dangerous. This area is particularly valuable for commercial Dungeness crab and commercial and recreational salmon. This is the only MPA cluster in this proposal that was designed to specifically address socioeconomic needs. MPA cluster is designed to meet a "Moderate-High" level of protection.
<b>Pt Reyes Headlands SMCA (continued)</b>	6) Provide comparison analysis environment by providing SMR adjacent to SMCA across a range of depths.			Any species found in the definition of "pelagic finfish" should also meet the "Moderate-High" level of protection. Should allowing the harvest of some species not meet this level of protection, it is intended that harvest of those species would not be allowed in this MPA.
<b>Estero de Limantour SMR</b>	Ex of species most likely to benefit include halibut, dungeness crab, Starry flounder, red tail perch, bat rays, speckled sanddab, gobies, blood worms, mud shrimp, ghost shrimp, eel grass, leopard sharks, Harbor seals, and seabirds & other invertebrates and algae. 1) Protect dwelling species communities found in estuarine soft bottom habitat, such as, ghost shrimp, blood worms & mud shrimp.(G1-O1) 2) Sustain or increase reproduction of species most likely to benefit by protection of mature individuals such as Ghost shrimp, bat rays, Harbor seals & seabirds (G2-O2). 3) Sustain or increase reproduction of species most likely to benefit by protecting breeding, foraging, rearing & nursery areas for species such as California halibut, red tail perch, mud shrimp, leopard sharks & ghost shrimp. (G2-O3). 4) Protect natural size, age & trophic structure, genetic diversity & food webs in representative habitats (G1-O3,O4).			

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<b>Drakes Estero SMCA</b>	SMCA	JD18	All waters north and to the mean high tide line of line connecting 38 2.66' N. lat. 122 56.87' W. long. and 38 2.66' N. lat. 122 56.19' W. long.	Take of all living marine resources is prohibited except: 1). Only the following species may be taken commercially: culture and harvest of various oyster species. 2) Only the following species may be taken recreationally: clams.	Low	G1-O3, G1-O4, G2-O2, G2-O3, G3-O3, G4-O1, G5-O1
<b>Duxbury SMP</b>	SMP	EX1	This area is bounded by the mean high tide line, a distance of 1000 feet offshore and the following points: 37° 55.52' N. lat. 122° 44.17' W. long.; 37° 55.42' N. lat. 122° 44.31' W. long.; 37° 53.65' N. lat. 122° 41.91' W. long.; and 37° 53.77' N. lat. 122° 42.02' W. long.	Take of all living marine resources is prohibited except: 1) Only the following species may be taken recreationally: finfish from shore and abalone.	Moderate	G2-O4, G3-O1
<b>Montara SMR</b>	SMR	XX1	This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed except where noted: 37 33.0' N. lat. 122 30.817' W. long.; 37 33.0' N. lat. 122 34.773' W. long.; thence southward along the three nautical mile offshore boundary to 37 30.8' N. lat. 122 34.982' W. long.; and 37 30.8' N. lat. 122 30.784' W. long.	All take of living marine resources is prohibited	Very High	G1-O1, G1-O2, G1-O3, G1-O4, G1-O5, G2-O1, G2-O2, G2-O3, G3-O1, G3-O2, G3-O3, G3-O4, G5-O1, G5-O3
<b>Montara SMR (continued)</b>	SMR	XX1				

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<b>Drakes Estero SMCA</b>	<p>Examples of species most likely to benefit include halibut, Dungeness crab, Starry flounder, red tail perch, bat rays, speckled sanddab, gobies, blood worms, mud shrimp, ghost shrimp, eel grass, Leopard sharks, Harbor seals, and seabirds.</p> <p>1) Sustain or increase reproduction of species most likely to benefit by protection of mature individuals such as Ghost shrimp, bat rays, Harbor seals and seabirds (G2-O2).</p> <p>2) Sustain or increase reproduction of species most likely to benefit by protecting breeding, foraging, rearing and nursery areas for species such as Ca Halibut, red tail perch, mud shrimp, leopard sharks and ghost shrimp. (G2-O3).</p> <p>3) Protect natural size, age and trophic structure, genetic diversity and food webs in representative habitats (G1-O3, G1-O4).</p>		It is recognized that the aquaculture lease currently in use may expire in 2012 and it is the intention of this proposal to respect whatever outcome is resolved. Should the leases expire, it is the intention of this proposal to create a full SMR consisting of the Drake's and Limantour Esteros extending to the mouth of the Esteros. The recreational harvest of clams will then be prohibited in accordance with SMR regulations.	
<b>Duxbury SMP</b>	<p>Ex of species most likely to benefit include mussels and other invertebrates and algae.</p> <p>1) Protect species while allowing traditional recreational access (G2-O4).</p> <p>2) Protect an area of important marine natural heritage.</p>		Not intended to meet SAT guidelines for size and spacing.	It is the intention of this proposal to accept the guidance provided by the Dept. feasibility criteria for this MPA realizing that removal is the best solution.
<b>Montara SMR</b>	<p>Ex of species most likely to benefit: nearshore, shelf and deeper nearshore rockfishes, lingcod, cabezon, kelp greenling, surfperches, prickleback eel, kelp, Dungeness crab, red crab, halibut, harbor seals, sharks, mussels, abalone, rays, forage fishes, invertebrates &amp; algae, &amp; other intertidal invertebrates.</p> <p>1) Protect area of high benthic species diversity &amp; maintain species diversity &amp; abundance characteristic of north central coast region north of Point Reyes (G1-O1).</p> <p>2) Monitor appropriate indicator species with focus on Nearshore and Deeper Nearshore Fishery Management Plan species (G1-O5).</p> <p>3) Protect natural trophic structure &amp; food webs, including species that serve as prey for other fish, marine birds &amp; marine mammals (G1-O4).</p> <p>4) Enhance non-consumptive recreational &amp; educational experiences by protecting intertidal ecosystems by reducing congestion &amp; increasing size &amp; abundance of species most likely to benefit from MPAs (G3-O2).</p> <p>5) Help restore depleted species, such as near shore &amp; deeper nearshore species (G2-O1).</p>	Followed DFG Feasibility guidelines by using at least 1/10-minute resolution for all boundaries.	MPA meets SAT guidelines at the Very High level of protection and exceeds the minimum size guideline.	This MPA is part of a MPA cluster designed with the specific purpose of providing scientific comparative analysis across a range of depths and habitats, within the same reef complex, using no-take SMRs, limited-take SMCAs, and areas without MPA designation. The northern boundary of the SMR bisects Montara State Beach in an effort to provide consumptive and non-consumptive shore access.
<b>Montara SMR (continued)</b>	<p>6) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).</p> <p>7) Protect area with diverse habitats and associated species including kelp forest ecosystems (G1-O2).</p> <p>8) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).</p> <p>9) Protect forage base for colonies of marine mammals as well as protect colonies from disturbance (G1-O5).</p> <p>10) Provide comparison analysis environment by providing SMR adjacent to SMCA across range of depths.</p>			

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<b>Pillar Point SMCA</b>	SMCA	XX2	This area is bounded by the straight lines connecting the following points in the order listed except where noted: 37 30.8' N. lat. 122 30.784' W. long.; 37 30.8' N. lat. 122 34.982' W. long.; thence southward along the three nautical mile offshore state boundary to 37 28.3 N. lat. 122 33.472' W. long.; and the "PP" buoy at 37 28.3' N. lat. 122 30.881' W. long.; and the "1N" buoy at 37 29.193' N. lat. 122 30.422' W. long.; and at Pillar Point at 37 29.741' N. lat. 122 29.957' W. long.	All take of living marine resources is prohibited except: 1). Only the following species may be taken commercially: pelagic finfish (including salmonids) by troll or pelagic seine, Dungeness crab by trap, market squid by pelagic seine, in accordance with state regulations. 2). Only the following species may be taken recreationally: pelagic finfish (including salmonids) by troll or pelagic seine, Dungeness crab by trap, market squid by pelagic seine, in accordance with state regulations.	Mod-high	G1-O2, G1-O3, G2-O1, G2-O2, G2-O3, G2-O4, G3-O1, G3-O2, G3-O3, G3-O4, G5-O1, G5-O3
<b>Pillar Point SMCA (continued)</b>	SMCA	XX2				
<b>North Farallon SMR</b>	SMR	XX11	This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed except where noted: 37 49.352' N. lat. 123 7.0' W. long.; 37 45.7' N. lat. 123 7.0' W. long.; 37 45.7' N. lat. 122 59.074' W. long.; thence northwest along the three nautical mile offshore boundary to 37 49.352' N. lat. 123 7.0' W. long.	All take of living marine resources is prohibited	Very High	G1-O1, G1-O2, G1-O3, G1-O4, G1-O5, G2-O1, G2-O2, G2-O3, G3-O2, G3-O3, G3-O4, G4-O1, G5-O1, G5-O3
<b>North Farallon SMR (continued)</b>	SMR	XX11				

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<b>Pillar Point SMCA</b>	<p>Ex of species most likely to benefit: nearshore, shelf &amp; deeper nearshore rockfishes, lingcod, cabezon, kelp greenling, surfperches, prickleback eel, kelp, red crab, halibut, harbor seals, sharks, abalone, rays, forage fishes, invertebrates (except Dungeness crab) &amp; algae.</p> <p>1) Enhance non-consumptive recreational &amp; educational experiences by protecting intertidal ecosystems by reducing congestion &amp; increasing size &amp; abundance of species most likely to benefit from MPAs (G3-O2).</p> <p>2) Help restore depleted species, such as near shore &amp; deeper nearshore species (G2-O1).</p> <p>3) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).</p>	Followed DFG Feasibility guidelines by using at least 1/10-minute resolution for all boundaries as well as buoys and prominent landmarks to facilitate ease of enforcement.	This MPA is part of a MPA cluster designed with the specific purpose of providing scientific comparative analysis across a range of depths and habitats, within the same reef complex, using no-take State Marine Reserves, limited-take State Marine Conservation Areas, and areas without MPA designation.	Small boat access was a major driver in the design of this MPA cluster. Small boaters, including human powered vessels, depart from Pillar Point and often spend time fishing for salmon and crab in this area. This design was the only alternative to adequately address safety concerns for a multitude of users dependent on this area to fish for salmon and crab within a safe distance of Pillar Point Harbor. MPA cluster is designed to meet a "Moderate-High" level of protection.
<b>Pillar Point SMCA (continued)</b>	<p>4) Protect area with diverse habitats &amp; associated species including kelp forest ecosystems (G1-O2).</p> <p>5) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).</p> <p>6) Provide comparison analysis environment by providing SMR adjacent to SMCA across range of depths.</p>			Any species found in the definition of "pelagic finfish" should also meet the "Moderate-High" level of protection. Should allowing harvest of some species not meet this level of protection, it is intended that harvest of those species would not be allowed in this MPA.
<b>North Farallon SMR</b>	<p>Ex of species most likely to benefit: nearshore, shelf &amp; deeper nearshore rockfishes, lingcod, cabezon, greenling, surfperches, eels, halibut, Stellar sealions, Northern Fur Seals, California sealion, sharks, forage fishes, worms, mollusks &amp; other intertidal &amp; benthic invertebrates &amp; algae.</p> <p>1) Protect area of high benthic species diversity &amp; maintain species diversity &amp; abundance characteristic of north central coast region north of Point Reyes (G1-O1).</p> <p>2) Monitor appropriate indicator species with focus on Nearshore and Deeper Nearshore Fishery Management Plan species (G1-O5).</p> <p>3) Protect natural trophic structure &amp; food webs, including pelagic finfish that serve as prey for other fish, marine birds &amp; marine mammals (G1-O4).</p> <p>4) Protect unique habitat at Farallon Islands for intrinsic value while increasing ecosystem structure a&amp; function across range of depths (G4-O1).</p> <p>5) Help restore depleted species, such as near shore and deeper nearshore species (G2-O1).</p> <p>6) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).</p> <p>7) Protect area with diverse habitats &amp; associated species (G1-O2).</p>	Followed DFG Feasibility guidelines by using at least 1/10-minute resolution for all boundaries.	MPA meets SAT guidelines at the Very High level of protection and exceeds the preferred size guideline.	
<b>North Farallon SMR (continued)</b>	<p>8) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).</p> <p>9) Protect forage base for colonies of marine mammals &amp; birds as well as protect colonies from disturbance (G1-O5).</p>			

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<b>SE Farallon SMR</b>	SMR	XX9	This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed: 37 42.6' N. lat. 123 2.0' W. long.; 37 40.5' N. lat. 123 2.0' W. long.; 37 40.5' N. lat. 122 59.5' W. long.; 37 42.6' N. lat. 122 59.5' W. long.	All take of living marine resources is prohibited	Very High	G1-O1, G1-O2, G1-O4, G1-O3, G1-O5, G2-O1, G2-O2, G2-O3, G3-O2, G3-O3, G3-O4, G4-O1, G5-O1, G5-O3
<b>SE Farallon SMR (continued)</b>	SMR	XX9				
<b>SE Farallon SMCA</b>	SMCA	XX10	This area is bounded by straight lines connecting the following points in the order listed except where noted: 37 42.6' N. lat. 123 2.0' W. long.; 37 42.6' N. lat. 123 5.39' W. long.; thence southward along the three nautical mile offshore boundary to 37 38.66' N. lat. 122 59.5' W. long.; 37 40.5' N. lat. 122 59.5' W. long.; 37 40.5' N. lat. 123 2.0' W. long.; and 37 42.6' N. lat. 123 2.0' W. long.	All take of living marine resources is prohibited except: 1). Only the following species may be taken commercially: pelagic finfish by hook and line (salmonids by troll only) and coastal pelagic finfish by pelagic seine in accordance with state regulations. 2). Only the following species may be taken recreationally: pelagic finfish by hook and line (salmonids by troll only) and coastal pelagic finfish by pelagic seine in accordance with state regulations.	High	G1-O2, G1-O3, G2-O1, G2-O2, G2-O3, G2-O4, G3-O1, G3-O2, G3-O3, G3-O4, G4-O1, G5-O1, G5-O3

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MPA Name	MPA Specific Objectives	DFG Feasibility Guidance: Justification if MPA does not follow guidance	SAT Guidelines: Justification if MPA does not meet guidelines	Other Comments/Clarification
<b>SE Farallon SMR</b>	<p>Ex of species most likely to benefit: nearshore, shelf &amp; deeper nearshore rockfishes, lingcod, cabezon, greenling, surfperches, eels, Dungeness crab, halibut, Stellar sealions, Northern Fur Seals, Northern Elephant Seals, California Sea lion, sharks, forage fishes, intertidal &amp; benthic invertebrates, algae, &amp; numerous colonies &amp; species of marine seabirds.</p> <p>1) Protect area of high benthic species diversity &amp; maintain species diversity &amp; abundance characteristic of north central coast region north of Point Reyes (G1-O1).                  2) Monitor appropriate indicator species with focus on Nearshore and Deeper Nearshore Fishery Management Plan species (G1-O5).                  3) Protect natural trophic structure &amp; food webs, including species that serve as prey for other fish, marine birds &amp; marine mammals (G1-O4).                  4) Protect unique habitat at Farallon Islands for intrinsic value while increasing ecosystem structure &amp; function across range of depths (G4-O1).                  5) Help restore depleted species, such as near shore &amp; deeper nearshore species (G2-O1).</p>	<p>Followed DFG Feasibility guidelines by using at least 1/10-minute resolution for all boundaries and specific design considerations for offshore islands. Floating corners are present but cannot be mitigated due to unique geography. MPA boundaries are clear and easily communicated to the public.</p>	<p>MPA meets SAT guidelines at the Very High level of protection and exceeds the preferred size guideline.</p>	
<b>SE Farallon SMR (continued)</b>	<p>6) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).                  7) Protect area with diverse habitats &amp; associated species (G1-O2).                  8) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).                  9) Protect forage base for colonies of marine mammals &amp; birds as well as protect colonies from disturbance (G1-O5).                  10) Enhance non-consumptive recreational &amp; educational experiences by protecting island ecosystems by reducing human disturbance &amp; increasing size &amp; abundance of species most likely to benefit from MPAs (G3-O2).</p>			
<b>SE Farallon SMCA</b>	<p>Ex of species most likely to benefit: nearshore, shelf &amp; deeper nearshore rockfishes, lingcod, cabezon, greenling, Dungeness crab, halibut, Stellar sealions, Northern Fur Seals, Northern Elephant Seals, California Sealion, sharks, forage fishes, benthic invertebrates &amp; algae, &amp; numerous colonies &amp; species of marine seabirds.</p> <p>1) Protect unique habitat at Farallon Islands for intrinsic value while increasing ecosystem structure &amp; function across range of depths (G4-O1).                  2) Help restore depleted species, such as near shore and deeper nearshore species (G2-O1).                  3) Protect larval sources &amp; enhance reproductive capacity of shelf species including rockfishes (G2-O2).                  4) Protect area with diverse habitats &amp; associated species (G1-O2).                  5) Protect natural heritage location while minimizing socioeconomic impacts to local communities (G5-O1).</p>	<p>Followed DFG Feasibility guidelines by using at least 1/10-minute resolution for all boundaries and specific design considerations for offshore islands. Floating corners are present but cannot be mitigated due to unique geography. MPA boundaries are clear and easily communicated to the public.</p>	<p>MPA meets SAT guidelines at the High level of protection and exceeds the preferred size guideline when combined with adjacent SMR.</p>	<p>MPA cluster is designed to meet a "High" level of protection. Any species found in the definition of "pelagic finfish" should also meet the "High" level of protection. Should allowing harvest of some species not meet this level of protection, it is intended that harvest of those species would not be allowed in this MPA.</p>

Additional Notes: If, through the adaptive management process, the level of protection for any species is adjusted and can be included in an SMCA such that the existing level of protection for the SMCA is maintained, it is the intention of this proposal to allow that traditional harvest under all current regulations.

Additional Notes: NEED FOR SPECIAL CONSIDERATION. MPAs not allowing the harvest of Dungeness crab, and realizing that crab will be fished on the edges of MPAs, and realizing that during heavy storms that the crab traps will have a tendency to "walk" into MPAs, it is the intention of this proposal that lost gear be able to be retrieved as soon as possible without enforcement consequences.

**California MLPA North Central Coast Project**  
**Regional Stakeholder Group (NCCRS) Marine Protected Area (MPA) Proposal 2-XA (March 19, 2008 version)**  
*Revised May 23, 2008*

**Consideration of Marine Bird and Mammal Protection:** Within this MPA proposal, certain areas may warrant increased protection of marine birds and/or marine mammals through the use of "no disturbance" zones or special closures. Note that the shoreside boundary is the mean high tide line and the seaward boundary is measured from mean low low water.

<b>Area</b>	<b>GIS ID</b>	<b>Boundary</b>	<b>Focus Species</b>	<b>Seasonality</b> (Year round or what season)	<b>Comments, Questions or Important Information</b>
<b>Pt. Resistance</b>		300ft. Around point	Common murres and brown pelicans.	Year-round	
<b>Devil's Slide</b>		300ft around Egg Rock	Common murres, Brandt's Cormorant, and brown pelicans	Year-round	Want to see educational information at Linda Mar and other access points
<b>Double Point</b>		300ft. Around Stormy Stack	Harbor seals, California sea lions, murres, Brandt's cormorants, pelagic cormorants, pigeon guillemots, Ashy storm petrels, brown pelicans	Year-round	
<b>North Farallon Islands</b>		300ft around North Island and Isle of St. James	Steller sea lions, common murres, pelagic cormorants, Brandt's cormorants, pigeon guillemots, western gulls, Cassin's auklets	Year-round	Closure size of 300ft still provides safe transit between North Island and Isle of St. James
<b>SE Farallon Islands</b>		300 ft. Except in lee of island between and including Sugarloaf and East Landing	Steller sea lions, Northern fur seals, Northern elephant seals, California sea lions, common murres, pelagic cormorants, Brandt's cormorants, Double-crested cormorant, pigeon guillemots, western gulls, tufted puffins, Cassin's auklets, rhinoceros auklet, Ashy storm petrel, Leach's storm petrel, black oystercatcher, brown pelicans	Year-round	Intended to allow education (Goal 3) through continued wildlife viewing (e.g. murres) and provide for safe anchorage that is sheltered from predominant NW wind and seas.

**California MLPA North Central Coast Project**  
**Regional Stakeholder Group (NCCRSG) Marine Protected Area (MPA) Proposal 2-XA (March 19, 2008 version)**  
*Revised May 23, 2008*

**Consideration of Existing State MPAs in Proposal 2-XA (March 19 version).** An identification of whether each existing north central coast marine protected area is proposed to be retained, modified or removed.

Existing MPA	Retain (no changes to boundaries or regulations)	Modify (included with boundary or regulation change)	Remove (not included)
<b>Manchester and Arena Rock State Marine Conservation Area</b>		MODIFY* (A small portion of this MPA is included within the Point Arena SMR/SMCA)	
<b>Del Mar Landing State Marine Park</b>			REMOVE
<b>Salt Point State Marine Conservation Area</b>			REMOVE
<b>Gerstle Cove State Marine Conservation Area</b>		MODIFY (Same boundaries with SMR designation)	
<b>Fort Ross State Marine Conservation Area</b>			REMOVE
<b>Sonoma Coast State Marine Conservation Area</b>		MODIFY* (A portion included in Bodega Head SMR)	
<b>Bodega Head State Marine Reserve</b>		MODIFY (Replaced by Bodega Head SMR/mod-high SMCA complex with new boundaries)	
<b>Tomales Bay State Marine Park</b>			REMOVE
<b>Point Reyes State Marine Conservation Area</b>		MODIFY (Replaced by Pt. Reyes Headlands SMR/moderate-high SMCA complex with new boundaries)	
<b>Estero de Limantour State Marine Conservation Area</b>		MODIFY (Replaced by Drakes Estero SMR/SMCA complex with new boundaries)	
<b>Duxbury Reef State Marine Conservation Area</b>		MODIFY (Same boundaries with SMP designation)	
<b>James V. Fitzgerald State Marine Park</b>		MODIFY (Replaced by Montara SMR/ Pillar Point mod-high SMCA complex with new boundaries)	
<b>Farallon Islands State Marine Conservation Area</b>		MODIFY (Replaced by North Farallon SMR and SE Farallon SMR/high SMCA complex with new boundaries)	

*SMCA= state marine conservation area, SMP= state marine park, SMR= state marine reserve, LOP= level of protection*

\* Text submitted by proponents indicates that this MPA has been removed, but for consistency with other proposals I-Team staff have changed to "modify"