

California MLPA North Central Coast Project
Draft Proposal 2 (JD) - December 12, 2007 version

Name of Draft MPA Proposal : Draft Proposal 2 (JD) (December 12, 2007 version)

Number and Type of MPAs in revised MPA proposal: 11 SMR 2 SMP 9 SMCA 22 Total # MPAs

Narrative rationale: This draft proposal was developed in a collaborative process by a cross-interest workgroup of the NCC Regional Stakeholder Group at the December 11-12, 2007 NCCRSR meeting. This draft proposal aims to meet and address the guidance received from the MLPA Blue Ribbon Task Force, Master Plan Science Advisory Team, and California Department of Fish and Game. This draft proposal builds on initial options identified by the regional stakeholder work groups and draft external proposals and incorporates, to the extent possible, the many comments received from stakeholders and the general public.

Draft Proposal 2 (JD) (December 12, 2007 version)

MPA Name	Type	GIS ID #	General MPA Boundaries	Allowed or Disallowed Uses	SAT Assigned Level of Protection	Regional Goals/ Objectives/ Design Criteria this MPA Contributes Toward [Format: "G1O3" for Goal 1, Objective 3]	MPA Specific Objectives [Short narrative on the main intent of this MPA]	Comments, Questions or Important Information
Point Arena SMR	SMR	JD1	Eastern: 123°44.4'W or mean high tide, Western: 123°46'W, Northern: 38°59.3'N, Southern: 38°56.3'N	No take	Very High	G1O1, G1O2, G1O3, G1O4, G1O5, G2O2, G2O3, G2O4, G3O1, G3O3, G4O2, G5O2, G5O3, G6O1, G6O2 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal. 3). Increase abundance and diversity of benthic species to unfished levels. 4). Protect area of marine natural heritage.	Availability of local BLM rangers would enhance enforcement ability.
Point Arena SMCA	SMCA	JD2	Eastern 123° 46'W, Western: 3nm state waters, Northern: 38° 59.3N, Southern: 3°8 56.3N	Allowed Uses: Salmon trolling; anchovy, sardine, herring; dungeness crab; (All applies to commercial and recreational)	Mod-High	G1O1, G1O2, G1O3, G1O4, G1O5, G2O2, G2O3, G2O4, G3O1, G3O3, G4O2, G5O2, G5O3, G6O1, G6O2 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal. 3). Increase abundance and diversity of benthic species to unfished levels. 4). Protect area of marine natural heritage.	Salmon fishing in deeper water would continue.

California MLPA North Central Coast Project
Draft Proposal 2 (JD) - December 12, 2007 version

Saunders Reef Inshore SMCA	SMCA	JD3	Eastern: mean high tide, Western: line connecting 38° 52.5'N / 123° 42'W and 38° 50'N / 123° 39'W, Northern: 38° 52.5', Southern: 38° 50'	Allowed Uses: Salmon trolling; anchovy, sardine, herring; dungeness crab; urchin, abalone, shore-based hook and line angling (All applies to commercial and recreational)	Low-Mod	G101, G102, G103, G104, G105, G202, G203, G204, G301, G303, G402, G502, G503, G601, G602 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal.	Allows continued urchin fishery and abalone diving .
Saunders Reef Offshore SMCA	SMCA	JD4	Eastern: line connecting 38°52.5'N / 123°42'W and 38°50'N / 123°39', Western: 3nm state waters, Northern: 38°52.5', Southern: 38°50'	Allowed Uses: Salmon trolling; anchovy, sardine, herring; dungeness crab; (All applies to commercial and recreational)	Mod-High		1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal.	Salmon fishing in deeper water would continue.
Black Point SMR	SMR	JD5	Eastern: mean high tide, Western: line connecting 38° 43' N /123° 30' W and 38° 40' N / 123° 27', Northern: 38° 43' N, Southern: 38° 40' N	No take	Very High	G101, G102, G103, G104, G105, G202, G203, G204, G301, G303, G402, G502, G503, G601, G602 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal. 3.) Establish a MPA complex that meets the preferred size. 3.) Increase abundance and diversity of benthic species to unfished levels.	Establishes a large MPA that protects a complex rocky habitat and a variety of species most likely to benefit.
Black Point SMCA	SMCA	JD6	Eastern: line connecting 38° 43' N / 123° 30'W and 38° 40' N /123° 27' W, Western: 3nm state waters, Northern: 38° 43' N, Southern: 38° 40' N	Allowed Uses: Salmon trolling; anchovy, sardine, herring; dungeness crab (All applies to commercial and recreational)	Mod-High	G101, G102, G103, G104, G105, G202, G203, G204, G301, G303, G402, G502, G503, G601, G602 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal. 3.) Establish a MPA complex that meets the preferred size. 3.) Increase abundance and diversity of benthic species to unfished levels.	Salmon fishing in deeper water would continue.

California MLPA North Central Coast Project
Draft Proposal 2 (JD) - December 12, 2007 version

Salt Point SMP	SMP	JD8	Eastern: mean high tide, Western: line connecting 38° 37' N /123° 23.2' W and 38° 33.5' N /123° 20' W, Northern: 38° 37' N, Southern: 38° 33.5' N	Allowed Uses: Recreational abalone, finfish.	Moderate	G3O1, G3O2, G3O4, G5O1, G5O2, G5O3 Considers all design criteria	1.) Establish a MPA near a terrestrial state park with a nearby PISCO monitoring site. 2.) Provide for traditional recreational consumptive and non-consumptive uses while offering some protection due to the prohibition of commercial fishing. 3.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species.	Enlarges size of existing SMP.
Gerstle Cove SMR	SMR	JD7	Existing boundaries of currently designated MPA boundary	No take	Very High		Achieve and maintain an area of abundance and natural diversity of abalone and other low-mobility species.	No change to current size.
Russian River SMR	SMR	JD9	All estuarine waters to mean high tide (or extent of DFG study area boundary) eastward of the mouth of the Russian River or at approximately 38° 27.1' N / 123° 7.8' W (see shapefile)	No take	Very High		1.) Protect nursery ground habitat. 2.) Protect communities associated with areas of diverse estuarine habitats including open channels, mud flats, eel grass beds, etc.	
Russian River SMCA	SMCA	JD10	Eastern: mouth of Russian River (same boundary as Russian River SMR) and mean high tide, Western: 123° 8.6' W, Northern: mean high tide, Southern: 38 26.4	Allowed Uses: All recreational and commercial take allowed except salmon	Low-Mod	G1O5, G3O1, G3O2, G3O3, G4O1, G4O2, G5O2 Considers all design criteria	Protect Russian River salmonid Evolutionary Significant Unit's at localized estuarine collection point.	
Bodega Head SMR	SMR	JD11	Eastern: 123° 4.6'W and mean high tide, Western: 123° 6'W, Northern: 38° 21.4' N, Southern: 38° 18' N	No take	Very High	G1O1, G1O2, G1O3, G1O4, G1O5, G2O2, G2O3, G2O4, G3O1, G3O3, G4O2, G5O2, G5O3, G6O1, G6O2 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal. 3.) Establish a MPA complex that meets the preferred size. 4). Designation of a no-take SMR adjacent to a marine science and educational institution (U.C. Davis Bodega Marine Lab).	Close to Bodega Marine Institute for monitoring and enforcement.

California MLPA North Central Coast Project
Draft Proposal 2 (JD) - December 12, 2007 version

Bodega Head SMCA	SMCA	JD12	Eastern: (north of 38° 18' N) 123° 6' mean high tide and 123° 4', Western: 3nm state waters, Northern: 38° 21.4', Southern: 38° 15.5'	Allowed Uses: Salmon trolling; anchovy, sardine, herring; dungeness crab (All applies to commercial and recreational)	Mod-High	G1O1, G1O2, G1O3, G1O4, G1O5, G2O2, G2O3, G2O4, G3O1, G3O3, G4O2, G5O2, G5O3, G6O1, G6O2 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal. 3.) Establish a MPA complex that meets the preferred size. 4.) Protect benthic species while continuing to allow fishing for other recreationally and commercially important species. 5.) Include an area of lesser levels of protection in an area adjacent to a marine science and educational institution (U.C. Davis Bodega Marine Lab) and an SMR.	See shapefile for further description of boundaries.
Estero Americano SMR	SMR	JD13	Across mouth of estero	No take SMR	Very High		1.) Protect nursery ground habitat. 2.) Protect communities associated with areas of diverse estuarine habitats including open channels, mud flats, eel grass beds, etc.	
Estero San Antonio SMR	SMR	JD14	Across mouth of estero	No take	Very High		1.) Protect nursery ground habitat. 2.) Protect communities associated with areas of diverse estuarine habitats including open channels, mud flats, eel grass beds, etc.	
Tomales Bay SMP	SMP	JD15	Existing boundaries of currently designated MPA	Take of all living marine resources is prohibited except the recreational hook and line take of species other than marine aquatic plants. Only lightweight, hand-carried boats may be launched or operated within the Park.	Low-Mod		1.) Protect nursery ground habitat. 2.) Protect communities associated with areas of diverse estuarine habitats including open channels, mud flats, eel grass beds, etc.	Existing regulations remain unchanged.

California MLPA North Central Coast Project
Draft Proposal 2 (JD) - December 12, 2007 version

Point Reyes SMR	SMR	JD16	Eastern: 122° 57.4' W, Western: 123° 2' W, Northern: 38° 00' N and mean high tide, Southern: 37° 59.1' N	No take	Very High	G101, G102, G103, G104, G105, G202, G203, G204, G301, G302, G303, G402, G502, G503, G601, G602 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal. 3.) Establish a MPA complex that meets the preferred size. 4). Protect area of marine natural heritage.	Protects a major headland area and will protect forage breeding and nesting areas for mammals and birds.
Point Reyes SMCA	SMCA	JD17	Eastern: 3nm state waters, Western: 122° 56.5' W, Northern: 37° 59.1' N and boundary of SMR (JD16), Southern: 3nm state waters	Allowed Uses: Salmon trolling; anchovy, sardine, herring; dungeness crab; squid (All applies to commercial and recreational)	Mod-High	G101, G102, G103, G104, G105, G202, G203, G204, G301, G302, G303, G402, G502, G503, G601, G602 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal. 3.) Establish a MPA complex that meets the preferred size. 4). Protect area of marine natural heritage. 5). Protect benthic species while continuing to allow fishing for other recreationally and commercially important species.	Reduces social-economic impact by allowing continued Salmon and crab fisheries.
Drakes Estero SMR	SMR	JD18	Entire Drakes Estero and Estero de Limantour area	No take. (Oyster farming can continue until the lease ends in 2012)	Very High	G101, G103, G104, G105, G202, G203, G301, G302, G303, G401, G502 Considers all design criteria	1.) Protect nursery ground habitat. 2.) Protect communities associated with areas of diverse estuarine habitats including open channels, mud flats, eel grass beds, etc.	
Fitzgerald SMR	SMR	JD19	Eastern: mean high tide, Western: 122° 32.3' W, Northern: 37° 32.7' N, Southern: 37° 29.7' N	No take	Very High	G101, G102, G103, G104, G105, G202, G203, G204, G301, G303, G402, G502, G503, G601, G602 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species.	
Fitzgerald SMCA	SMCA	JD20	Eastern: 122° 32.3' W, Western: 3nm state waters, Northern: 37° 32.7' N, Southern: 37° 29.7' N	Allowed Uses: Salmon trolling; anchovy, sardine, herring; dungeness crab (All applies to commercial and recreational)	Mod-High	G101, G102, G103, G104, G105, G202, G203, G204, G301, G303, G402, G502, G503, G601, G602 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species.	Reduces social-economic impact by allowing continued salmon and crab fisheries.

California MLPA North Central Coast Project
Draft Proposal 2 (JD) - December 12, 2007 version

South East Farallon Island SMR	SMR	JD21	Eastern: 123° 00' W, Western: 123° 2' W, Northern: 37° 42' N, Southern: 37° 40.5' N	No take	Very High	G1O1, G1O2, G1O3, G1O4, G1O5, G2O2, G2O3, G2O4, G3O1, G3O2, G3O3, G4O1, G4O2, G5O2, G5O3, G6O1, G6O2 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to functioning as a larval sink. 3.) Protect natural heritage, including protection of representative and unique marine life habitats.
South East Farallon Island SMCA	SMCA	JD22	Eastern: 123° and 123° 2', Western: 3nm state waters, Northern: 37° 42' and 37° 40.5', Southern: 3nm state waters	Allowed Uses: Salmon trolling (applies to commercial and recreational)	High	G1O1, G1O2, G1O3, G1O4, G1O5, G2O2, G2O3, G2O4, G3O1, G3O2, G3O3, G4O1, G4O2, G5O2, G5O3, G6O1, G6O2 Considers all design criteria	1.) Protect an area of high benthic species diversity and maintain benthic species diversity and abundance by monitoring appropriate indicator species. 2.) Protect an area that contains a persistent upwelling plume well suited to provide larval dispersal. 3.) Include shallow hard and soft bottom within a state marine conservation area, adjacent to the shelf. 4.) Protect important forage area for nearby breeding colonies of listed marine birds by prohibiting the harvest of pelagic finfish other than salmon. (G2O1)

Consideration of Marine Bird and Mammal Protection: Within this MPA array, certain areas may warrant increased protection of marine birds and/or marine mammals though the use of "no disturbance" zones or special closures. If special closures are proposed, please include all of the information requested below (with the exception of the GIS ID). Note that the MLPA staff suggests sparing use of this designation.

Area	GIS ID	Bound-aries	Focus Species	Seasonality (Year round or what season)	Comments, Questions or Important Information

California MLPA North Central Coast Project
Draft Proposal 2 (JD) - December 12, 2007 version

Consideration of Existing State MPAs in Draft Proposal 2 (JD) (December 12, 2007 version). Please indicate how each existing North Central Coast MPA is considered within the draft proposal.

Existing MPA	Included Without Changes (proposed to be retained)	Included with Boundary or Regulation Change (proposed to be modified)	Not Included (proposed for elimination)
Manchester and Arena Rock SMCA		A portion may be included in the Point Arena SMR/SMCA	
Del Mar Landing SMP			Not included
Salt Point SMCA		Included in Salt Point Concept.	
Gerstle Cove SMR		Included as SMR	
Fort Ross SMCA			Not included
Tomales Bay SMP	No change		
Point Reyes SMCA		Included in Point Reyes concept.	
Estero de Limantour SMCA		Included in Drakes Estero concept.	
Duxbury Reef SMCA			Not included
Sonoma Coast SMCA		Included in Bodega Head concept.	
Bodega SMR		Included in Bodega Head concept.	
Fitzgerald SMP		Included in Fitzgerald concept.	
Farallon Islands SMCA		Included in Farallon Islands concept.	