

California MLPA North Central Coast Regional Stakeholder Group
Jade Work Group Initial MPA Array, "Option B"
For initial review by the MLPA Master Plan Science Advisory Team and Blue Ribbon Task Force
October 17, 2007

NAME OF INITIAL MPA ARRAY: *Jade Work Group Initial MPA Array, "Option B"(Array Option JB)*

FORMAT IN WHICH PROPOSED MPA BOUNDARIES WERE SUBMITTED:

MPA ARRAY IN DORIS HARDCOPY MAP TO STAFF GIS FORMAT

NUMBER AND TYPE OF MPAS IN INITIAL MPA ARRAY:

This section has not yet been completed.

10 SMR 0 SMP 7 SMCA 4 Special Closure 21 Total # MPAs

NARRATIVE RATIONALE: *[Please describe how this initial MPA array meets MLPA goals, the approach used to develop the components, and other comments] –[You don't have to do this yet.]*

Initial MPA Array

Initial MPA Array Name: Jade Work Group Initial MPA Array, "Option B" (Array Option JA)

Provide ALL the information listed below for each individual MPA included in the initial MPA array option.

Opt	MPA Name	Type (SMCA, SMP, SMR)	GIS ID #	General MPA Boundaries	Allowed or Disallowed Uses	Goals/Objectives/ Design Criteria this MPA Contributes Toward	Comments, Questions or Important Information
B	Point Arena SMR	SMR	442	Same as option A, but extended southern boundary.	No take.	Goals 1, 2, 3, 4, 6	North-Eastern boundary designed to account for crab fishing along Manchester State Beach. West boundary of SMR intended to follow the 50m contour line. Some concern as to what happens if abalone index sites are enclosed in SMR. Size of this MPA complex linked to whether an MPA is proposed further south.
B	Point Arena SMCA	SMCA	443	Same as option A, but extended southern boundary.	Only disallow RCG complex.	Goals 1, 2, 3, 4, 6	Interest in SAT input as to whether the SMCA with allowances would afford a class of "high protection"
B	Black Point SMR	SMR	444	Northern boundary. 38'42' Southern boundary Stewarts Point. Inshore.	No take	Goals 1, 2, 3, 4, 6	Protect diverse species/habitats. Split at 50 meters

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							Urchin and abalone are important resources in this area.
B	Black Point SMCA	SMCA	445	Northern boundary. 38'42' Southern boundary Stewarts Point. Offshore	Allows Salmon and Crab.	Goals 1, 2, 3, 4, 6	Split at 50 meters
B	Gerstle Cove SMR	SMR	463	Existing MPA boundaries	No Take	Goal 1, 2	Maintain successful existing MPA. Suggest changing to "SMR managed by parks"
B	Russian River SMR	SMR	447	About a quarter mile box around the Russian River (123'8.3)	No Take	Goals 1, 2, 4	Protect salmon outlet, estuary habitat and marine mammal habitat Has impact to salmon and shorefishing.
B	Bodega Head SMR	SMR	451	Box from Salmon creek to the end of Bodega Head.	No take	Goals: 1, 2, 3, 4, 6	Trying to create a simple boundary line for enforcement. Protect diverse habitat types, but avoid impacts from nearby fishing port. In previous discussions, size of this MPA complex linked to whether an MPA was created off Tomales Bluff.
B	Bodega Head SMCA	SMCA	452	L shape outside SMR	Salmon and Crab allowed	Goals: 1, 2, 3, 4, 6	Create high protection SMCA adjacent to SMR.
B	Tomales Bay SMR	SMR	314	Existing SMP, converted to an SMR	No Take.	Goals: 1, 2, 3, 4	The intent is to extend this SMR into the rest of the estuary (outside of

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							study region). The intent is to allow duck hunting – need a SMRMA? Should allow take of exotic species for restoration.
B	Point Reyes SMR	SMR	453	38' to 123'02', south to Chimney rock buoy line, north to 38.	No Take	Goals 1, 2, 3, 4, 6	Intended to protect habitat/species around headland. Vessel transit around this headland is important to consider.
B	Point Reyes SMCA	SMCA	454	38' horizontal to state waters, to 54' to shore.	Allows salmon, crab, halibut, and squid (comm. and rec).	Goals 1, 2, 3, 4, 6	Intent to disallowed aquaculture. Specifically disallows commercial anchovy and sardine (protect forage base).
B	Drakes Estero SMR	SMR	84	Encompasses Drakes Estero and Estero de Limantour.	No take (except oyster farming until 2012)	Goals: 1, 2, 4	Eelgrass and estuary protection. The intent is for this MPA to be an SMR. It may have to be designated as an SMCA allowing mariculture and then become an SMR in 2012 after the oyster reservation of use expires
B	Duxbury Existing	SMCA	464	Existing MPA	Only the following species	Goals: 1, 2, 3, 4	Retain existing MPA

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	SMCA				<p>may be taken recreationally: red abalone, Dungeness crab, rock crabs, rockfish (family Scorpaenidae), lingcod, cabezon, surfperch (family Embiotocidae), halibut, flounder, sole, turbot, salmon, kelp greenling, striped bass, steelhead, monkeyface-eel, wolf-eel, smelt, and silversides.</p> <p>Commercial take of species other than giant kelp and bull kelp is allowed.</p>		
B	Fitzgerald SMR	SMR	457	End of Montara state beach south to pillar point. Offshore line at 122.32.5.	No Take.	Goals: 1, 2, 3, 4, 6	Protect diverse habitats/species. Allow for consumptive use north of gray whale cove.
B	Fitzgerald SMCA	SMCA	458	Same outer perimeter as A, but upside down SMCA "L".	Allow Salmon, Crab, and Halibut, Squid. (Disallow commercial anchovy, sardine)	Goals: 1, 2, 3, 4, 6	Protect forage base for the murrens and RCG complex species.
B	SE Farallon SMR	SMR	310	Box around SE Farallon (2 mi square)	No Take	Goals: 1, 2, 3, 4, 6	Protect diverse species/habitat. Allow for consumptive use at middle Farallon.
B	Farallon Islands SMCA	SMCA	309	Quarter wedge extending southwest to state waters from	Allow only Salmon	Goals: 1, 2, 3, 4, 6	Potentially extend to federal waters.

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				southeast Farallon Island			

Consideration of Marine Bird and Mammal Protection

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Within this MPA array, certain areas may warrant increased protection of marine birds and/or marine mammals through the use of "no disturbance" zones or special closures. Detailed design of these areas will be postponed until the California Department of Fish and Game has distributed guidance for creating these areas. Within this MPA array, areas suggested by the proponents for potential consideration are listed below. Note that these areas are identified on the accompanying map, but are not considered in the MLPA Science Advisory Team size and spacing analysis.

Opt	Area to be Considered	General location/extent	Comments, Questions or Important Information
B	Bird Rock	Near Tomales Bluff. 122°59.6449 38'13.80. Quarter mile, no disturbance around bird rock	Protect Birds
B	Point Reyes	1000 ft 38' on the west side around point at 1000 ft up to Drakes Beach (north to 38'1')	Protect bird colonies, Elephant Seals.
B	Double Point	Quarter mile around double point and include rock – see lines (122.46.98, 37°57.067 and 122.46.26, 37°56.63)	Protect Birds.
B	Farallon Islands	Quarter mile around SE Farallon (around whole island – try to avoid the anchorage)	Protect birds/mammals. Check with coastguard/anchorage Suggest that the 1000 ft no disturbance zone be applied to the 2/3 of SE Island that's currently a no-entry zone, to enhance protection of bird rookeries and marine mammal haul outs, and improve viewing opportunities.

Consideration of Existing State MPAs

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Please indicate how each of the following existing MLPA North Central Coast MPAs is considered within your initial MPA array option.

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 small portion of this MPA is included in the Point Arena Complex.	
Del Mar Landing SMP			No MPA proposed here.
Salt Point SMCA			No MPA proposed here.
Gerstle Cove SMCA		Included as an SMR	
Fort Ross SMCA			No MPA proposed here.
Tomales Bay SMP		Included as an SMR	
Point Reyes SMCA		Included in Point Reyes complex.	
Estero de Limantour SMCA		Included as part of Drakes Estero SMR.	
Duxbury Reef SMCA	Included in Option B with no change.		
Sonoma Coast SMCA		Included as part of Bodega Head complex.	

Bodega SMR		Included as part of Bodega Head complex.	
Fitzgerald SMP		Included as part of Fitzgerald complex.	
Farallon Islands SMCA		Included as part of Farallones complex.	