

California MLPA North Central Coast Regional Stakeholder Group
Jade Work Group Initial MPA Array, "Option A"
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 A"(Array Option JA)*

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.

13 SMR 1 SMP 10 SMCA 5 Special Closure 29 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 A" (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
A	Point Arena SMR	SMR	438	North boundary at 38'59.25'. West to 123'46' Southern boundary 38'55.67	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 the consequences of including abalone index sites within this and other SMRs. Size of this MPA complex linked to whether an MPA is proposed further south.
A	Point Arena SMCA	SMCA	439	Same north and south boundaries as SMR. 123'46' to 3 miles. Southern Boundary 38'55.67	Allows Salmon and Dungeness Crab	Goals 1, 2, 3, 4, 6	Interest in SAT input as to whether the SMCA with these specific allowances would afford a class of "high protection"
A	Saunders Reef Inshore SMCA	SMCA	440	Inshore SMCA Schooner's Gulch to Haven's neck	Allows urchin	Goals 1, 2, 4, 6	Potentially try to match line dividing the two SMCAs here to use

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							existing buoy as a boundary marker. Urchin and abalone are important resources in this area. Southern boundary may merit further discussion in a later iteration of the array.
A	Saunders Reef Offshore SMCA	SMCA	441	Outside SMCA	Allows salmon	Goals 1, 2, 4, 6	Intended to be high protection MPA adjacent to inshore SMCA.
A	Del Mar SMR	SMR	461	Existing MPA boundaries	No Take	Goals 1, 2	Maintain existing MPA area with more protection.
A	Sonoma Coast SMR	SMR	446	Black Point to Stump Beach out to 3 miles.	No Take	Goals 1, 2, 3, 4, 6	Protect diverse habitats/species. Moved southern boundary to allow for abalone index site
A	Salt Point SMP	SMP	462	Existing MPA	Only the following species may be taken recreationally: finfish, red abalone, chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels and marine worms except that no worms may be taken in	Goal 3	Maintain existing MPA.

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					any mussel bed unless taken incidentally to the take of mussels.		
A	Gerstle Cove SMR	SMR	463	Existing MPA boundaries	No Take	Goal 1, 2	Maintain successful MPA. Suggest changing to "SMR managed by parks"
A	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.
A	Bodega Head SMR	SMR	449	Vertical split line: 123'6'	No Take	Goals: 1, 2, 3, 4, 6	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. Aim here is to create a simple boundary line for enforcement.
A	Bodega Head SMCA	SMCA	450	Southern boundary at 38'16'	Salmon allowed	Goals: 1, 2, 3, 4, 6	Create high protection SMCA adjacent to SMR.
A	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 (which is external to the boundaries of this study region). The intent is to allow duck hunting – need a

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							SMRMA? Should allow take of exotic species for restoration.
A	Point Reyes SMR	SMR	455	Same as B with southern boundary 37'58.8	No Take	Goals: 1, 2, 3, 4, 6	Goals are to protect ecosystem functioning and diverse species. Maintaining safe vessel transit around this headland is important to consider.
A	Point Reyes SMCA	SMCA	456	Same outer boundaries as option B	Allows: Salmon, crab, and squid.	Goals: 1, 2, 3, 4, 6	Intended for forage base protection
A	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.
A	Duxbury Reef SMCA	SMCA	459	Millar Point south to state line is western boundary. Eastern is Bolinas Point south to state line.	Allows commercial halibut and commercial/ recreational salmon	Goals 1, 2, 3, 4, 6	Purpose is to protect diverse mix of reef and rock-sand mosaic, forage fish and rockfish, in an area that may include a

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							<p>rockfish nursery, while supporting a low bycatch artisanal fishery and allowing salmon.</p> <p>Some discussion of the merits and drawbacks of allowing recreational halibut catch.</p>
A	Duxbury Existing SMCA	SMCA	465	Portion of Existing MPA not covered by Option A Duxbury Reef SMCA.	<p>Only the following species 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>	Goals: 1, 2, 3, 4	Retain portion of existing MPA
A	Redwood Creek SMR	SMR	460	Just around mouth of Redwood Creek	No Take	Goals 1, 2	<p>Intent is to protect runs of Coho Salmon, Steelhead. Link with habitat enhancement efforts of National Park Service in this area.</p> <p>Question to the SAT:</p>

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							Would a seasonal closure accomplish the same or similar benefits?
A	Fitzgerald SMR	SMR	87	Point San Pedro to Pillar Point	No Take	Goals: 1, 2, 3, 4, 6	Protect diverse habitats/species. Consider bird colonies at Devils Slide.
A	Fitzgerald SMCA	SMCA	88	Point San Pedro to Pillar Point 122.32.5 is the split	Allow Salmon and Crab	Goals: 1, 2, 3, 4, 6	Protect forage base.
A	Farallon Islands SMCA	SMCA	466	All State waters at Farallones	No take of coastal pelagics (anchovy, sardine, squid) and no aquaculture	Goals: 1, 2, 3, 4, 6	Protect diverse species/habitats. Protect forage base. Prevent any future aquaculture efforts.
A	SE Farallon SMCA	SMCA	308	Half circle around SE Islands extended to state water line in the south.	Only allow Salmon	Goals: 1, 2, 3, 4, 6	Facilitate connectivity to potential MPA's in federal waters.
A	North Farallon SMR	SMR	305	Box Around North Island (2 mi on a side)	No Take	Goals: 1, 2, 3, 4, 6	Protect diverse species/habitat.
A	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.

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
A	Bird Rock	Near Tomales Bluff. 122°59.6449 38°13.80. Quarter mile, no disturbance around bird rock	Purpose is to protect marine birds.
A	Point Reyes	1000 ft 38' on the west side around point at 1000 ft up to Drakes Beach (north to 38°1')	Purpose is to protect marine bird colonies and elephant seals.
A	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)	Purpose is to protect marine birds.
A	Point Bonita/Bird Island	500 feet around bird island (-122°32.229, 37°49.437)	Purpose is to protect marine birds and a harbor seal haulout
A	Farallon Islands	Quarter mile around SE Farallon (around whole island – try to avoid the anchorage)	Purpose is to protect marine birds and mammals. Need to check with coastguard regarding safety and anchorage provisions. 1000 ft no disturbance zone may 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

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

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		Included, but changed to an SMR.	
Salt Point SMCA		Included, but changed to a SMP.	
Gerstle Cove SMCA		Included as an SMR	
Fort Ross SMCA			Proposed for elimination.
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		Portion included adjacent to Duxbury SMCA	
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.	