

Marine Life Protection Act Initiative



Overview of North Coast Round 1 External Proposed MPA Arrays from Community Groups

Presentation to the MLPA North Coast Regional Stakeholder Group
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Overview of External MPA Arrays

- Introduction to external proposed marine protected area (MPA) arrays
- Rationale presented by external MPA array proponents
- Geographic review of external MPA arrays
- Clarifying questions from the MLPA North Coast Regional Stakeholder Group (NCRSG)



Iterative MPA Planning Process

- Three rounds of MPA planning
- Designed to gather information, test ideas, and learn from evaluations and other feedback
- Feedback and input from MLPA Initiative staff, MLPA Master Plan Science Advisory Team (SAT), MLPA Blue Ribbon Task Force (BRTF), California Department of Fish and Game (DFG), California Department of Parks and Recreation (State Parks), and the public



Process and Timeline

- Round 1 – External MPA Arrays
 - Developed by community groups
 - November 2009 – March 2010
 - Due February 1, 2010, followed by evaluation
- Round 2 – NCRSG Draft MPA Proposals
 - Developed by NCRSG
 - March 2010 – July 2010
 - Due May 20, 2010, followed by evaluation
- Round 3 – NCRSG Final MPA Proposals
 - Developed by NCRSG
 - July 2010 – October 2010
 - Due August 31, 2010, followed by evaluation



Round 1 External MPA Arrays

- Existing MPAs referred to as Proposal 0 (P0)
 - Represents the “no action alternative”
- External proposed MPA arrays from community groups
 - 18 community groups indicated an intent to submit
 - 8 MPA arrays were submitted (external MPA arrays A – H)
 - Many represent broad, cross-interest collaboration
 - Geographic overlap among external arrays

Total of 9 MPA arrays/proposals evaluated in Round 1



Round 1 External MPA Arrays

- Proposal 0 – Existing North Coast MPAs
- External Array A – Foodshed
- External Array B – Mendocino Ocean Community Alliance
- External Array C – Conservation Coalition
- External Array D – Northern Redwoods Oceanic
- External Array E – Students for Environmental Action
- External Array F – Albion Harbor Regional Alliance
- External Array G – North Coast Local Interest MPA Work Group (“Tri-County”)
- External Array H – California Fisheries Coalition



Basic Materials Available

- Cover Sheet
- Narrative Rationale
- Consideration of Existing MPAs
- Maps (overview and subregional)
- Description of MPAs
- Staff Summaries
- Habitat Calculations
- Overlap Maps
- Area Charts

Materials available online at http://www.dfg.ca.gov/mlpa/mpaproposals_nc.asp
 Additional information available in MarineMap: <http://northcoast.marinemap.org/>



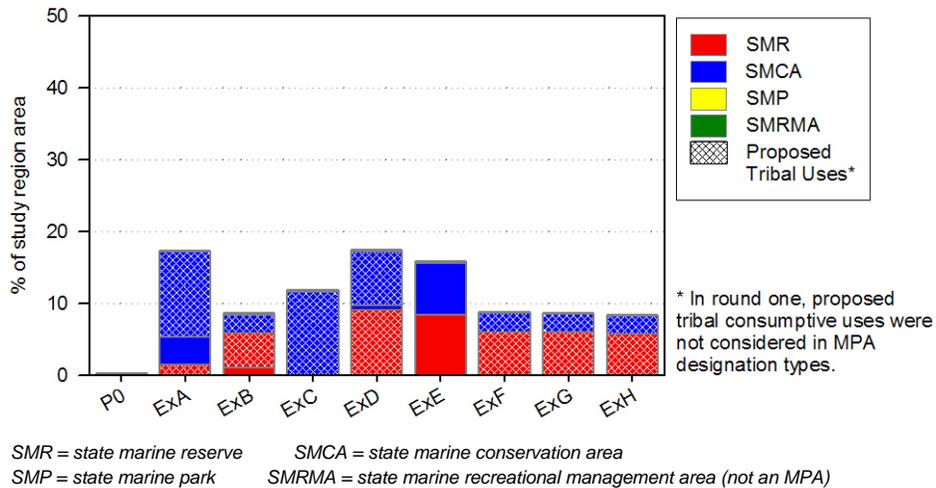
Round 1 External MPA Arrays

	Array Name	Number of MPAs (# SMRs)	Propose Tribal Uses?
Existing MPAs	Proposal 0	5 (1)	Does not propose tribal uses
Proposed External MPA Arrays from Community Groups	External Array A (ExA)	15 (4)	Yes, 11 MPAs
	External Array B (ExB)	12 (7)	Yes, 10 MPAs
	External Array C (ExC)	15 (0)	Yes, 15 MPAs
	External Array D (ExD)	16 (7)	Yes, 15 MPAs
	External Array E (ExE)	14 (6)	Yes, 1 MPA
	External Array F (ExF)	13 (7)	Yes, 13 MPAs
	External Array G (ExG)	13 (7)	Yes, 13 MPAs
	External Array H (ExH)	10 (6)	Yes, 10 MPAs



Round 1 External MPA Arrays

Comparison of Existing MPAs (Proposal 0) and Round 1 External MPA Arrays by Designation Type



Considerations for External MPA Arrays

- First step in MPA planning; explore a range of ideas
- Guidance for consideration of tribal uses not solidified when external MPA arrays submitted
- Comprehensive fine-scale substrate data not available when external MPA arrays submitted



External MPA Arrays Rationale

- **Key Topics**

- Overall approach and thinking behind array
- Innovative or unique aspects to the approach
- Major objectives or design considerations

We will review specific geographies following this discussion



External Proposed MPA Array A





External Proposed MPA Array B



External Proposed MPA Array C



External Proposed MPA Array D



External Proposed MPA Array E



Proposed External MPA Array F



Proposed External MPA Array G



Proposed External MPA Array H



Geographic Review

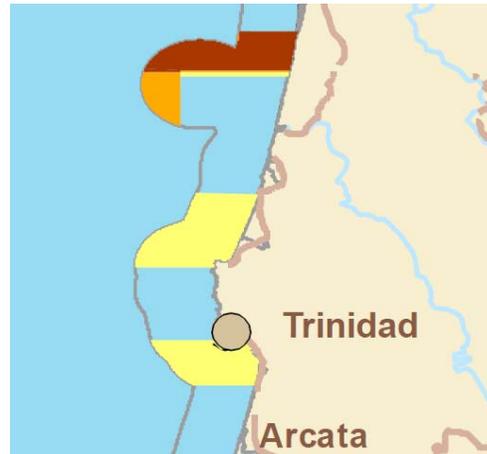
- Pyramid Point
 - In all eight arrays
 - Intertidal ribbon idea
- Crescent City
 - “Mobile SMCA” in ExA
- False Klamath
 - SMCA in three arrays
 - Allowance for crab, coastal pelagics





Geographic Review

- Reading Rock
 - In all eight arrays
 - Two basic designs
 - SMR/SMCA combinations
- Patrick's Point
 - SMCA in ExD
 - Allowance for crab
- Trinidad
 - “Mobile SMCA” in ExA



Geographic Review

- Eureka
 - “Mobile SMCA” in ExA
- South Humboldt Bay
 - Proposed SMRMAs
 - Most in southwest corner
- Eel River
 - SMCA in four arrays
 - Allowance for crab
- False Cape
 - SMCA in ExE
 - Allowance for crab, coastal pelagics





Geographic Review

- Punta Gorda
 - In all eight arrays
 - (SMR in all but two)
 - Existing MPA
- Big Flat
 - SMCA in ExD
 - Allowance for crab and salmon
- Shelter Cove
 - “Mobile SMCA” in ExA



Geographic Review

- Vizcaino/Usal
 - In three arrays (SMR or SMCA)
 - Allowance for crab and/or salmon
- Ten Mile
 - In seven arrays
 - Different SMR/SMCA designs
 - Allowance for crab
- Ten Mile Estuary
 - In all eight arrays
- MacKerricher
 - Existing SMCA in four arrays





Geographic Review

- Noyo, Albion and Point Arena
 - “Mobile SMCAs” in ExA
- Point Cabrillo
 - Some version in all eight arrays
 - Wide range of proposed boundaries, configurations, and allowed uses
- Additional estuarine MPAs
 - Big River, Albion, Navarro
- Additional existing coastal MPAs
 - Van Damme, Russian Gulch



SAT Evaluations of Round 1 Arrays

- Habitat Representation
- Habitat Replication
- MPA Size
- MPA Spacing
- Bioeconomic Models
- Marine Birds and Mammals
- Potential Impacts to Fisheries
- Water Quality



Other Feedback on Round 1 Arrays

- **Other Analyses**
 - California Department of Fish and Game Feasibility Analysis
 - State Parks Evaluation

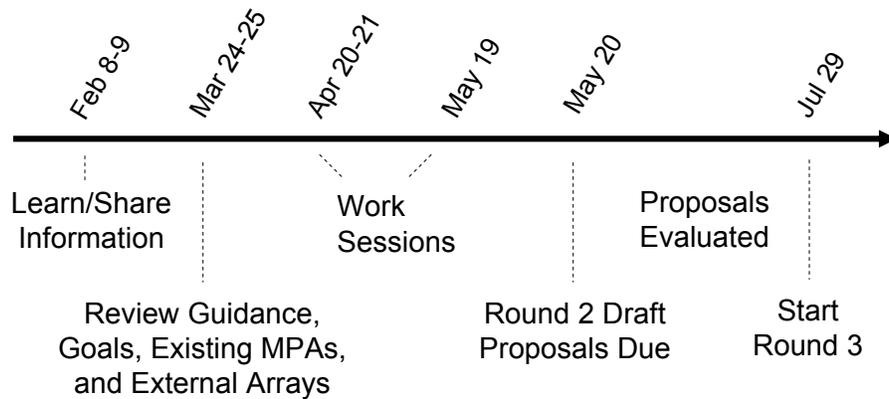


Key Planning Guidance for Round 2

- Be clear about the intent of proposed MPAs
- Clearly state proposed allowed uses and consider intended level of protection
- Look across all Round 1 arrays to see which MPA concepts performed better than others and consider hybrid ideas in difficult geographies
- Utilize the extensive knowledge of other stakeholders
- Use tools available (e.g. MarineMap, regional profile) to work outside of formal meetings to develop creative, cross-interest solutions



Round 2 Timeline



Questions

Any clarifying questions for external MPA array proponents?