

## **Appendices**

The following tables summarize the feasibility guidance from the second feasibility evaluation conducted by the Department for proposals submitted for the NCCSR. These tables were compiled to give stakeholders a way to quickly determine if proposed boundaries meet the feasibility guidelines, if goals and objectives were clearly stated, and if proposed regulations were simple and clearly stated. Boundaries that did not meet feasibility guidelines generally fell under four categories, including:

- Doughnut designs (which occurs when MPAs surround one another);
- Multiple zoning (created when many regulatory changes occur over a small area);
- “Floating corners” in offshore waters that are not at whole minute lines of latitude/ longitude; and
- Unanchored diagonal lines (diagonal lines may be feasible when they follow the angle of the coastline and are anchored at whole minute points of latitude and longitude).

Boundaries that fell into the above four categories are listed by individual MPAs in the tables below. A fifth category, “Other” was also utilized to indicate that boundaries did not meet feasibility guidelines but did not fall into one of the four categories. Feasibility concerns indicated in the “other” category include: boundaries that are not at readily determined lines of latitude/ longitude or at easily recognizable landmarks; boundaries that are not orientated in a due north/ south, east/ west direction; boundaries that are discontinuous; and boundaries that are based on depth contours or distance offshore.

Appendix A. Summary of the feasibility analysis for NCCSR Draft MPA Proposal 1 (EC).

MPA Name	Boundaries Meet Guidelines	Frequently observed boundary types that do not meet feasibility guidelines					Boundary Descriptions Clearly Stated	Goals & Objectives Stated	Simple & Clear Regulations
		Doughnut Design	Multiple Zoning	Floating Corners	Unanchored Diagonal Lines	Other			
Pt Arena SMR				X			Y	Y	Y
Pt Arena SMCA				X			Y	Y	Y
Saunder's Reef inshore SMCA					X		Y	Y	<b>N</b>
Saunder's Reef offshore SMCA					X		Y	Y	Y
Del Mar Landing SMP						X	Y	Y	Y
Sea Ranch to Salt Point SMR	X						Y	Y	Y
Salt Point SMP	X						Y	Y	Y
Russian River SMR				X			Y	Y	Y
Bodega Head SMR					X		Y	Y	Y
Bodega Head SMCA	X						Y	Y	Y
Estero de Americano SMRMA	X						Y	Y	Y
Estero de San Antonio SMRMA	X						Y	Y	Y
Clam Island SMRMA						X	Y	Y	Y
Tomales Bay South SMRMA	X						Y	Y	Y
Point Reyes Headland SMR	X						Y	Y	Y
Point Reyes Headland SMCA	X						Y	Y	Y
Drakes - Limantour Estero SMR	X						Y	Y	Y
Double Point SMR		X	X		X		Y	Y	Y
Double Point SMCA		X	X		X		Y	Y	Y
Duxbury Reef SMCA		X	X				Y	Y	Y
Bolinas Lagoon SMR	X						Y	Y	Y
Fitzgerald SMR				X			Y	Y	Y
Devil's Slide SMCA				X			Y	Y	Y

N Farallon Island SMR	X						Y	Y	Y
MPA Name	Boundaries Meet Guidelines	Frequently observed boundary types that do not meet feasibility guidelines					Boundary Descriptions Clearly Stated	Goals & Objectives Stated	Simple & Clear Regulations
		Doughnut Design	Multiple Zoning	Floating Corners	Unanchored Diagonal Lines	Other			
SE Farallon SMR	X						Y	Y	Y
SE Farallon SMCA	X						Y	Y	Y

Appendix B. Summary of the feasibility analysis for NCCSR MPA Proposal 2 (JD).

MPA Name	Boundaries Meet Guidelines	Frequently observed boundary types that do not meet feasibility guidelines					Boundary Descriptions Clearly Stated	Goals & Objectives Stated	Simple & Clear Regulation
		Doughnut Design	Multiple Zoning	Floating Corners	Unanchored Diagonal Lines	Other			
Pt Arena SMR				X			Y	Y	Y
Pt Arena SMCA				X			Y	Y	Y
Saunders Reef Inshore SMCA					X		Y	Y	Y
Saunders Reef Offshore SMCA					X		Y	N	Y
Black Point SMR	X						Y	Y	Y
Black Point SMCA	X						Y	Y	Y
Salt Point SMP		X			X		Y	Y	Y
Gerstle Cove SMR		X					Y	N	Y
Russian River SMR	X						Y	N	Y
Russian River SMCA				X			Y	Y	Y
Bodega Head SMR		X	X	X			Y	Y	Y
Bodega Head SMCA		X	X	X			Y	Y	Y
Estero Americano SMR	X						N	N	Y
Estero de San Antonio SMR	X						N	N	Y
Tomales Bay SMP						X	Y	Y	Y
Pt Reyes SMR		X		X			Y	Y	Y
Pt Reyes SMCA		X					Y	Y	Y
Drakes Estero SMR	X						N	N	Y
Fitzgerald SMR				X			Y	Y	Y
Fitzgerald SMCA				X			Y	Y	Y
SE Farallon Island SMR	X						Y	Y	Y
SE Farallon Island SMCA	X						Y	Y	Y

Appendix C. Summary of the feasibility analysis for NCCSR MPA Proposal 3 (TC).

MPA Name	Boundaries Meet Guidelines	Frequently observed boundary types that do not meet feasibility guidelines					Boundary Descriptions Clearly Stated	Goals & Objectives Stated	Simple & Clear Regulations
		Doughnut Design	Multiple Zoning	Floating Corners	Unanchored Diagonal Lines	Other			
Point Arena SMR				X			N	Y	Y
Point Arena SMCA	X						N	Y	Y
Saunder's Reef inshore SMCA					X		Y	Y	Y
Saunder's Reef offshore SMCA					X		Y	Y	Y
Del Mar Landing SMP						X	Y	Y	Y
Black Point SMR			X		X		N	Y	Y
Salt Point SMP			X		X		N	Y	Y
Black Salt SMCA			X		X		Y	Y	Y
Gerstle Cove SMCA	X						Y	Y	Y
Russian River SMCA	X						Y	Y	Y
Charter Beach SMCA						X	Y	Y	N
Bodega Head SMR				X			N	Y	Y
Bodega Head SMCA				X			N	Y	Y
Estero de Americano SMR	X						N	Y	Y
Estero De San Antonio SMR	X						N	Y	Y
Tomales Bay SMR	X						Y	Y	Y
Point Reyes SMR	X						N	Y	Y
Point Reyes SMCA	X						N	Y	Y
Drakes Estero SMR	X						N	Y	Y
Duxbury SMR	X						N	Y	Y
Duxbury SMCA	X						N	Y	Y
Bolinas Lagoon SMR	X						N	Y	Y
Moss Beach SMR				X			N	Y	Y

MPA Name	Boundaries Meet Guidelines	Frequently observed boundary types that do not meet feasibility guidelines					Boundary Descriptions Clearly Stated	Goals & Objectives Stated	Simple & Clear Regulations
		Doughnut Design	Multiple Zoning	Floating Corners	Unanchored Diagonal Lines	Other			
Moss Beach SMCA				X			N	Y	N
Pescadero Estuary SMR	X						N	Y	Y
N Farallon SMR		X	X				N	Y	Y
N Farallon SMCA		X	X				N	Y	Y
SE Farallon SMR		X	X			X	Y	Y	Y
SE Farallon SMCA		X	X				Y	Y	Y
Farallones SMCA		X	X				N	Y	Y

Appendix D. Summary of the feasibility analysis for NCCSR MPA Proposal 4 (JC).

MPA Name	Boundaries Meet Guidelines	Frequently observed boundary types that do not meet feasibility guidelines					Boundary Descriptions Clearly Stated	Goals & Objectives Stated	Simple & Clear Regulations
		Doughnut Design	Multiple Zoning	Floating Corners	Unanchored Diagonal Lines	Other			
Point Arena SMR				X			Y	Y	Y
Point Arena SMCA				X			Y	Y	Y
Sea Lion Cove SMR	X						Y	Y	Y
Saunders Reef SMCA					X		Y	Y	Y
Saunders Reef SMCA (offshore)					X		Y	Y	Y
Del Mar Landing SMR						X	Y	Y	Y
Black to Salt Point SMR	X						Y	Y	Y
Salt Point SMP		X	X				Y	Y	N
Gerstle Cove SMR		X	X				Y	Y	Y
Russian River SMR				X			Y	Y	Y
Bodega SMR		X		X	X		Y	Y	Y
Bodega SMCA		X		X			Y	Y	Y
Tomales Bay SMRMA	X						Y	Y	Y
Point Reyes SMR				X			Y	Y	Y
Point Reyes SMCA	X						Y	Y	Y
Drakes Estero SMR	X						N	Y	Y
Double Point SMR		X	X		X		Y	Y	Y
Double Point SMCA		X	X		X		Y	Y	Y
Duxbury SMCA		X	X				Y	Y	N
Fitzgerald - Devils Slide SMR				X			Y	Y	Y
Fitzgerald - Devils Slide SMCA				X			Y	Y	Y
San Gregorio SMR	X						Y	Y	Y
Farallon North SMR	X						Y	Y	Y

MPA Name	Boundaries Meet Guidelines	Frequently observed boundary types that do not meet feasibility guidelines					Boundary Descriptions Clearly Stated	Goals & Objectives Stated	Simple & Clear Regulations
		Doughnut Design	Multiple Zoning	Floating Corners	Unanchored Diagonal Lines	Other			
Southeast Farallon SMR	X						Y	Y	Y
Southeast Farallon SMCA	X						Y	Y	Y



Appendix E. Summary of the feasibility analysis for NCCSR MPA Proposal External A.

MPA Name	Boundaries Meet Guidelines	Frequently observed boundary types that do not meet feasibility guidelines					Boundary Descriptions Clearly Stated	Goals & Objectives Stated	Simple & Clear Regulations
		Doughnut Design	Multiple Zoning	Floating Corners	Unanchored Diagonal Lines	Other			
Arena Rock SMR				X			Y	Y	Y
Arena Rock SMCA				X			Y	Y	Y
Black Point SMR			X		X		Y	Y	Y
Black Point SMCA			X		X		Y	Y	N
Gerstle Cove SMR	X						Y	Y	Y
Russian River SMR	X						Y	Y	Y
Bodega Head SMR		X	X	X			Y	Y	Y
Bodega Head SMCA		X	X	X			Y	Y	Y
Estero Americano SMR	X						Y	Y	Y
Estero San Antonio SMR	X						N	Y	Y
Tomales Bay SMR						X	Y	Y	Y
Point Reyes SMR				X			Y	Y	Y
Point Reyes SMCA	X						Y	Y	Y
Drakes Bay SMCA	X						Y	Y	Y
Limantour SMR	X						Y	Y	Y
Bolinas Lagoon SMR	X						Y	Y	Y
Fitzgerald SMR				X			Y	Y	Y
Fitzgerald SMCA				X			Y	Y	Y
Southeast Farallon SMR						X	Y	Y	Y
Southeast Farallon SMCA						X	Y	Y	Y