Marine Life Protection Act Initiative



Evaluation of Potential Impacts to
Commercial and Recreational Fisheries from the
North Coast Enhanced Compliance Alternative and
Revised Round 3 NCRSG Marine Protected Area Proposals

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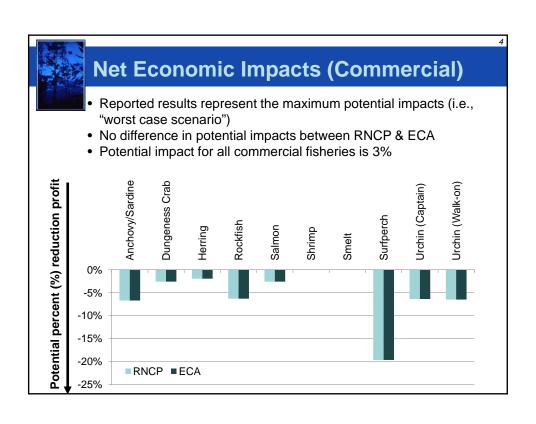


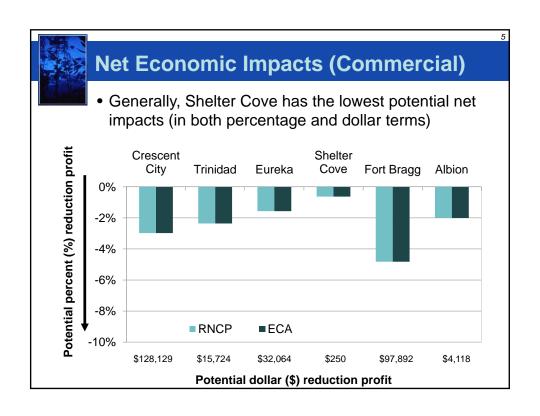
Round 3 Evaluation: Overview

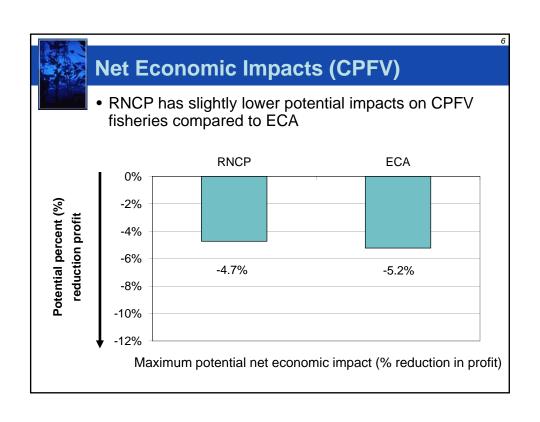
- Directed by MLPA Blue Ribbon Task Force (BRTF) to conduct evaluation of:
 - Revised Round 3 North Coast Regional Stakeholder Group Marine Protected Area Proposal (labeled RNCP)
 - North Coast Enhanced Compliance Alternative Marine Protected Area Proposal (labeled ECA)
- Evaluations based on the aggregate fishing grounds and cost estimates derived from Ecotrust data collection effort:
 - Estimated percentage of area and value affected
 - Evaluated maximum potential first order economic impact
 - Considered or identified "outliers" i.e., fisheries likely to experience disproportional impacts
- Focus is on fisheries, and not regional multipliers

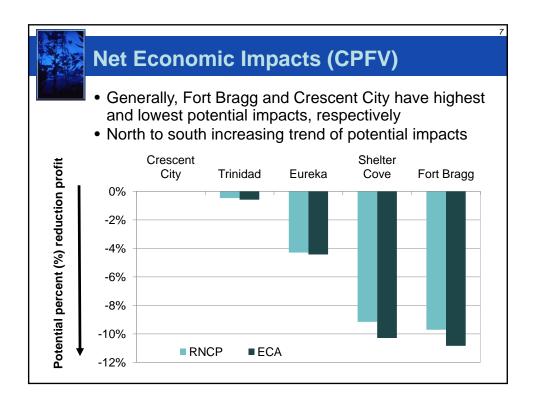
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Evalu	uation Ov	erviev	V			3
	Commercial	CPF\	/		Recreat	tional
# of fisheries	10 species	5 speci	cies 6 species			cies
Level of analysis	Port-fishery combinations	Port-fish combinat	droup (private veccel kay			essel, kayak,
Sample size	219	22	574			4
**Repor	ted results repro	esent the <u>n</u>	Ī	ım poteı nercial		acts Recreational
Potential impacts on fishing grounds (area and stated value)				✓	✓	✓
Potential net economic impacts -1st order				✓	\checkmark	
Potential gross economic impacts -1st order				✓		
Disproportionate impacts on fisheries				✓	✓	
* CPFV = commercial passenger fishing vessel						









MPA S	pecific Potenti	al Imp	pacts	(CP	FV)	
Four port-fishery combinations where there is a difference in potential impacts between RNCP & ECA						
		Potential Impact on Area		Potential Impact on Value		
ECA MPAs	Port-Fishery	RNCP	ECA	RNCP	ECA	
Samoa Offshore SMCA	Trinidad – Ca. Halibut	0.0%	16.2%	0.0%	0.4%	
Samoa Offshore SMCA	Eureka – Pac. Halibut	4.3%	7.4%	2.4%	3.0%	
Big Flat Offshore SMCA	Shelter Cove – Rockfish/Bottomfish	4.8%	8.9%	4.3%	6.9%	
Vizcaino Offshore SCMA	Fort Bragg – Rockfish/Bottomfish	2.5%	6.4%	3.4%	5.9%	



MPA Specific Potential Impacts (Rec.)

 Differences in the potential impacts between RNCP and ECA can be attributed to differences in the allowed take for four MPAs proposed in ECA

Potential Impacts on Private Vessel

		Potential Impact on Area		Potential Impact on Value	
ECA MPAs	Port-Fishery	RNCP	ECA	RNCP	ECA
	Crescent City -				
Reading Rock SMCA	Rockfish/Bottomfish	1.9%	5.3%	0.1%	0.1%
	Trinidad –				
Reading Rock SMCA	Rockfish/Bottomfish	2.7%	6.3%	0.2%	5.4%
Samoa Offshore SMCA	Eureka – Pacific Halibut	2.7%	3.7%	0.5%	0.8%
Big Flat Offshore SMCA & Vizcaino Offshore SMCA	Shelter Cove – Rockfish/Bottomfish	0.3%	10.0%	0.1%	7.0%
Vizcaino Offshore SMCA	Fort Bragg – Rockfish/Bottomfish	3.8%	5.3%	5.0%	7.5%



MPA Specific Potential Impacts (Rec.)

Potential Impacts on Dive

		Potential Impact on Area		Potential Impact on Value	
ECA MPAs	Port-Fishery	RNCP	ECA	RNCP	ECA
Big Flat Offshore SMCA & Vizcaino Offshore SMCA	Fort Bragg – Abalone	2.4%	4.5%	2.3%	2.9%

Potential Impacts on Kayak

on Area	on Value
ECA MPAs Port-Fishery RNCP EC	A RNCP ECA
Vizcaino Offshore Fort Bragg –	
SMCA Rockfish/Bottomfish 2.1% 12.0	0% 1.7% 5.4%



Summary Across Sectors

- Potential net economic impact to commercial fisheries is 3%
 - Higher potential impacts to commercial fisheries in Fort Bragg (4.8%), Crescent City (3.0%), and Trinidad (2.4%)
 - Potential impact to Fort Bragg commercial fisheries generally distributed across fisheries
 - Potential impact to Crescent City, Eureka and Trinidad commercial fisheries generally is to Dungeness crab
- Average net economic impact to CPFV fisheries is 4.7% (RNCP) and 5.2% (ECA)
 - Trend in potential impact from north (lowest) to south (highest)
- Primary differences in rec. impacts between two proposals are for Trinidad and Shelter Cove—Rockfish/Bottomfish (Private Vessel) and Fort Bragg—Rockfish/Bottomfish (Kayak)
 - In all cases, higher impacts are seen under ECA

