

## Marine Life Protection Act



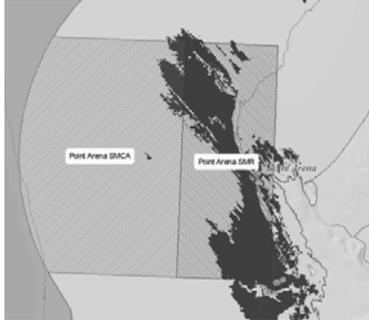
**Evaluation of the Potential Impact of Draft MPA Proposals on Abalone Recreational Fishery and Abalone Management in the North Central Coast Study Region**

North Central Coast Regional Stakeholder Group Meeting  
February 21, 2008 • San Rafael, CA  
Susan Ashcraft  
California Department of Fish and Game

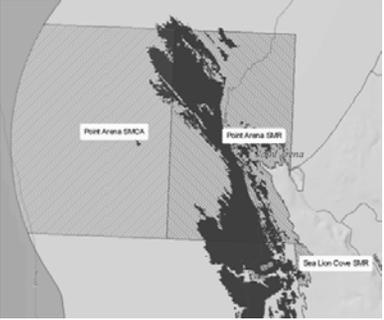
## Stornetta Ranch (Sea Lion Cove)

- When public gained access to Stornetta in 2004, landings nearly quadrupled at the Point Arena Lighthouse report card landing site
- Some draft proposals include a large portion of the Stornetta Ranch area (#4) – others avoided it (#3)

Draft Proposal 3



Draft Proposal 4



## Recreational Abalone Harvest

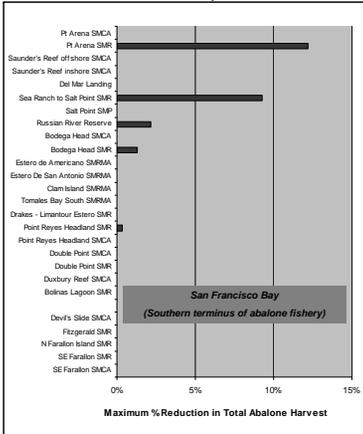
- Significant recreational abalone fishery in NCCSR
  - >127,000 abalone harvested in 2005
- Evaluation provides maximum potential impacts to recreational harvest
  - Based on DFG abalone report card data for pre-designated landing sites
  - Anglers must report harvested abalone to nearest landing site on the report card
  - Evaluation shows proportion of total regional harvest for 2005 that may be impacted by MPAs that prohibit abalone harvest

**– This is worst case scenario**

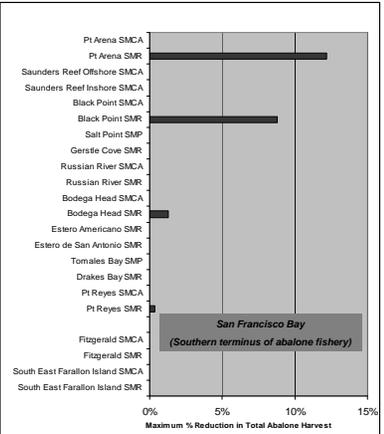
- Assumes anglers do not move to a new location

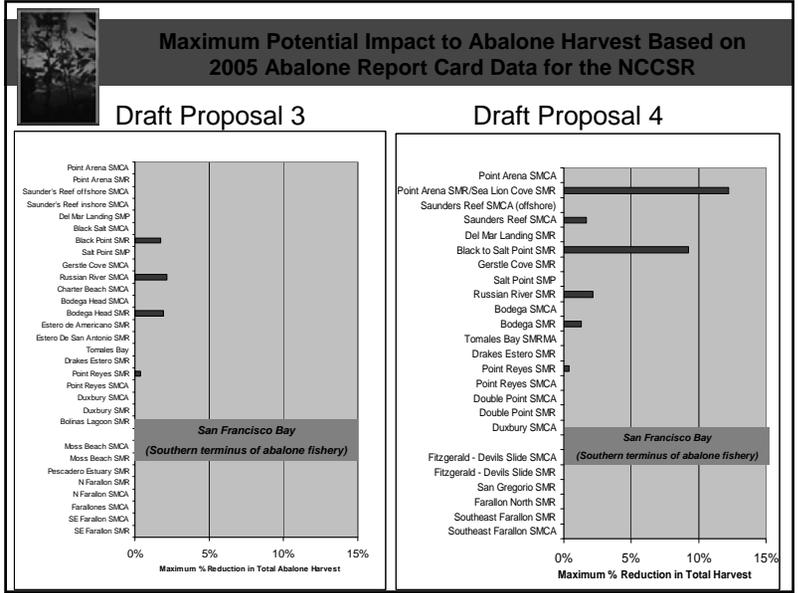
## Maximum Potential Impact to Abalone Harvest Based on 2005 Abalone Report Card Data for the NCCSR

Draft Proposal 1



Draft Proposal 2



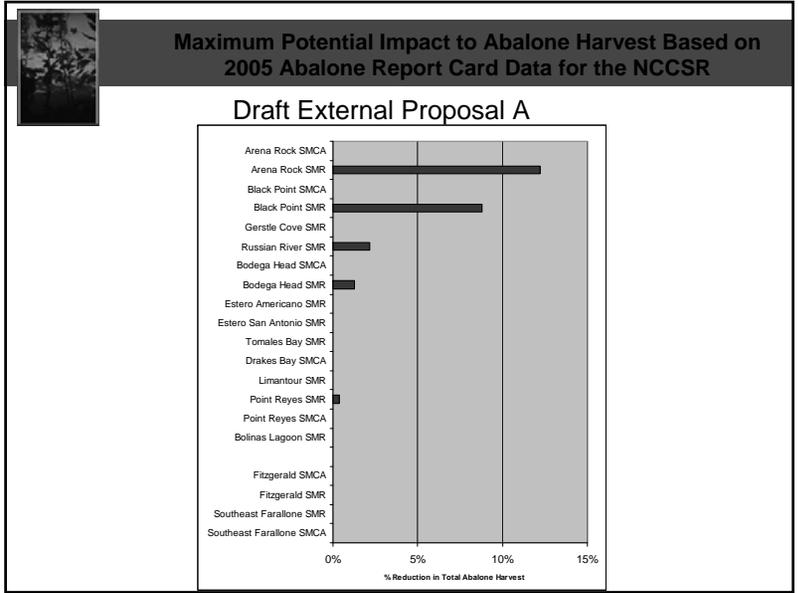


## Summary

- Proposals 1 and 2 include part of Stornetta Ranch in SMR
- Proposal 3 has the least potential impact to recreational harvest of abalone (Stornetta not included in SMR)
- Proposal 4 includes Sea Lion Cove at Stornetta in SMR

### Maximum Potential Impact to Recreational Abalone Harvest

Proposal	Maximum % Reduction
Proposal 0	0.00%
Proposal 1	25.26%
Proposal 2	22.66%
Proposal 3	6.16%
Proposal 4	26.94%
External Proposal A	24.81%



## Potential Impacts to Abalone Management

- Index sites** = locations of underwater and intertidal survey sites
  - Evaluation shows % of index site area encompassed by a proposed MPA
- Only Draft Proposal 4 includes an index site within a MPA
  - 45% of an index site area lies within proposed Black to Salt Point SMR
- Management Implications**
  - This should have no significant impact to management
  - Surveys will continue outside of SMR