

Rationalization, Randomness, and Romance.

Case Studies:

One fisher's response to change.

and

A small community living on the edge.

1971

Event: Need a Job

Response: Try Puget Sound Salmon Seining



1972

Event: Love Fishing, Hate my Skipper

Response: Buy a \$4,000 Puget Sound Gillnetter



1973

Event: Salmon Price Explodes
Response: Build a New Gillnet Boat



1974

Event: Boldt Decision

Response: Try SE-AK Salmon Gillnetting



1975

Event: AK Limited Entry Takes Effect

Response: Back to Puget Sound



1976

Event: Puget Sound Salmon Future Uncertain

Response: Buy a \$3,000 Bristol Bay Permit



1977

Event: No Love for Bristol Bay

Response: Back to Puget Sound



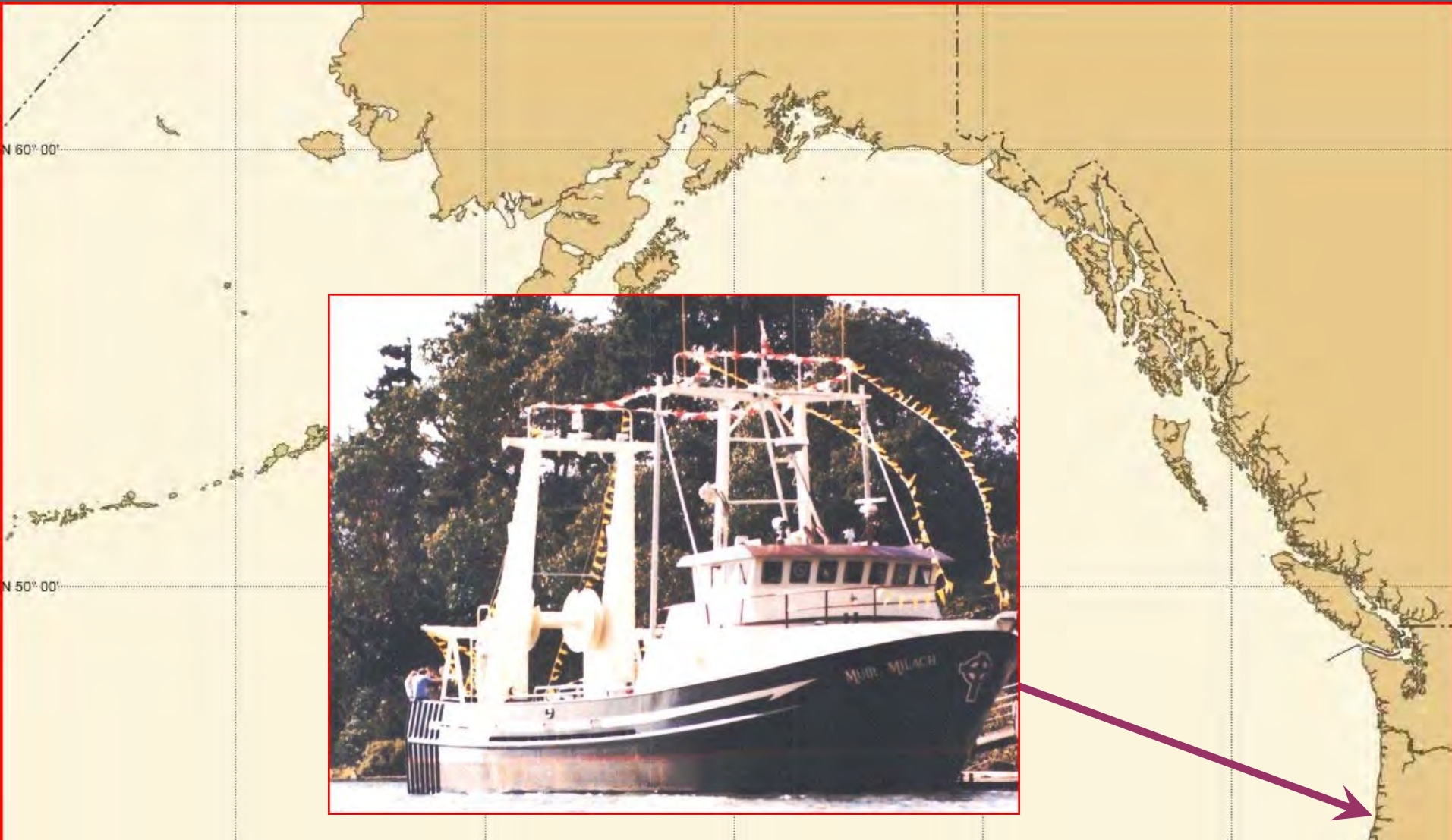
1978

Event #1: '76 Magnuson Act Leads to US-CCCP Joint Venture
Response: Hitch a Ride on a Russian Trawler



1978

Event #2: NMFS Loan Guarantees and 10% Investment Tax Credit
Response: Place an Order with Shipyard for a Trawler



1979

Event: Launch Muir Milach

Response: Start JV Fishing for Hake



1980

Event: December 24th 1979, Russian Invasion of Afganistan

Response: Head for the Bering Sea



1980

Event: Last Big Bering Sea Crab Season Before the Crash

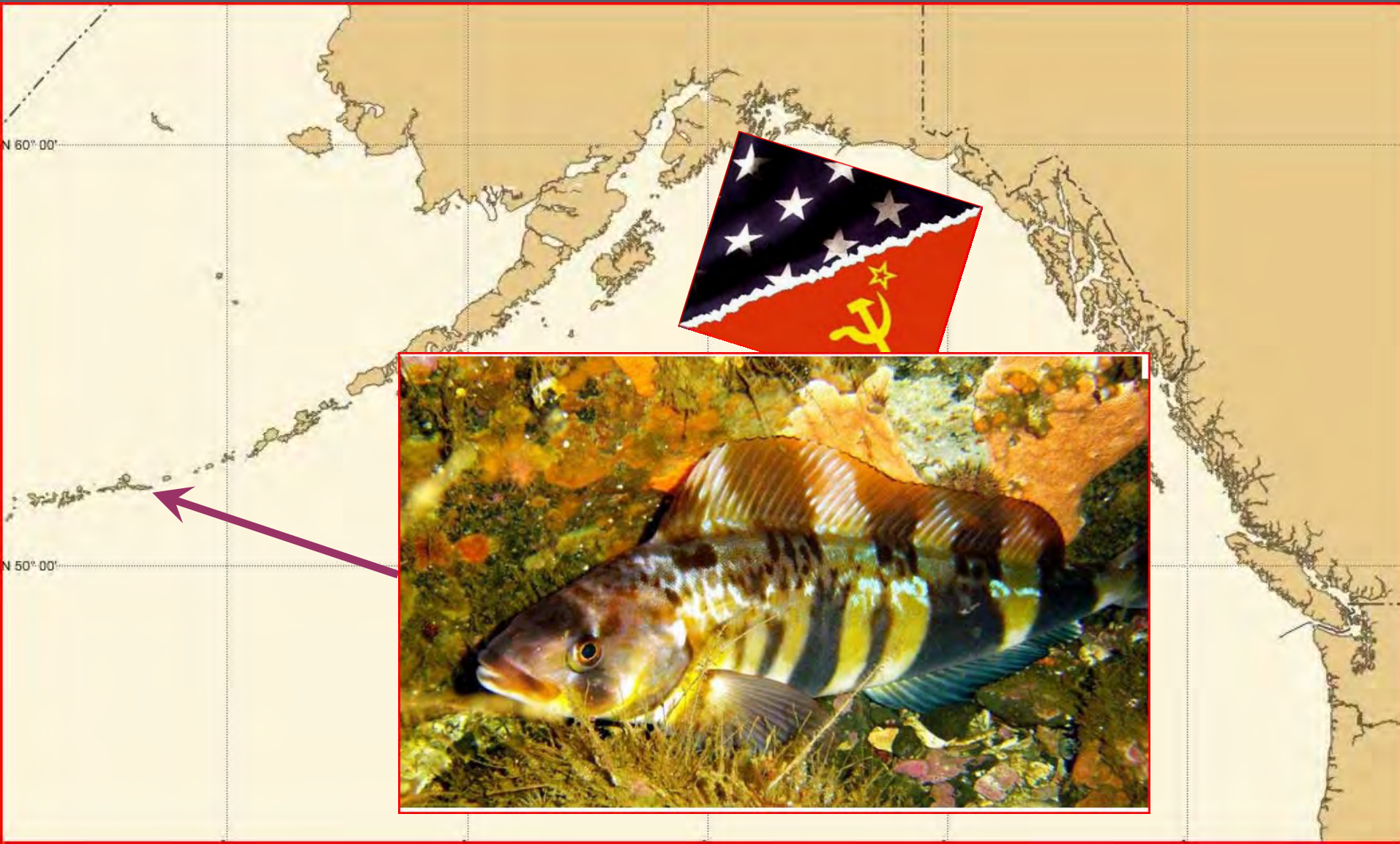
Response: Hire a Crab Skipper



1981

Event: 1st Russian Atka Mackerel JV

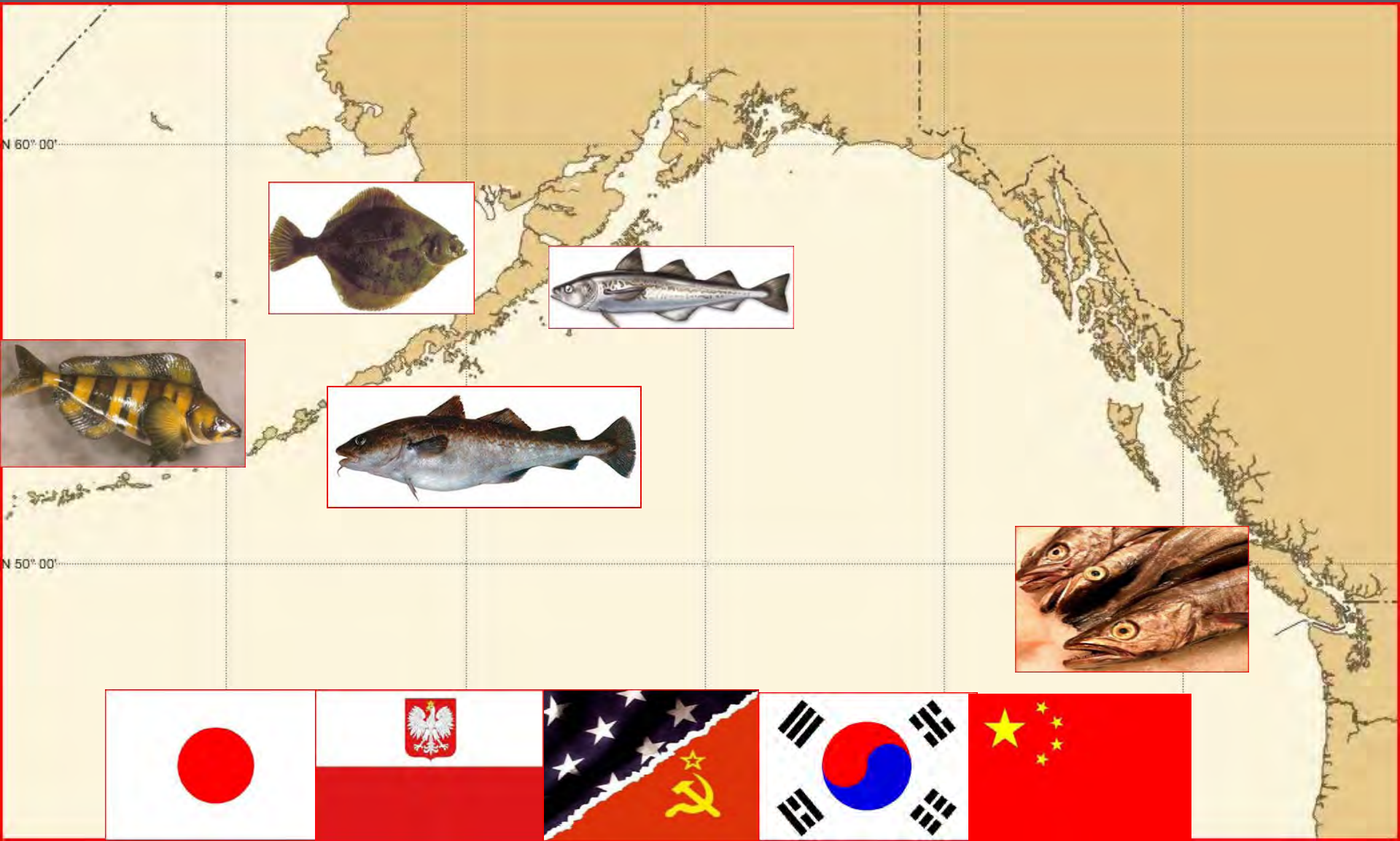
Response: Head for the Aleutians



1980's

Event: The Rise and Fall of JV's

Response: We Fished Every JV Species, Area, and Market

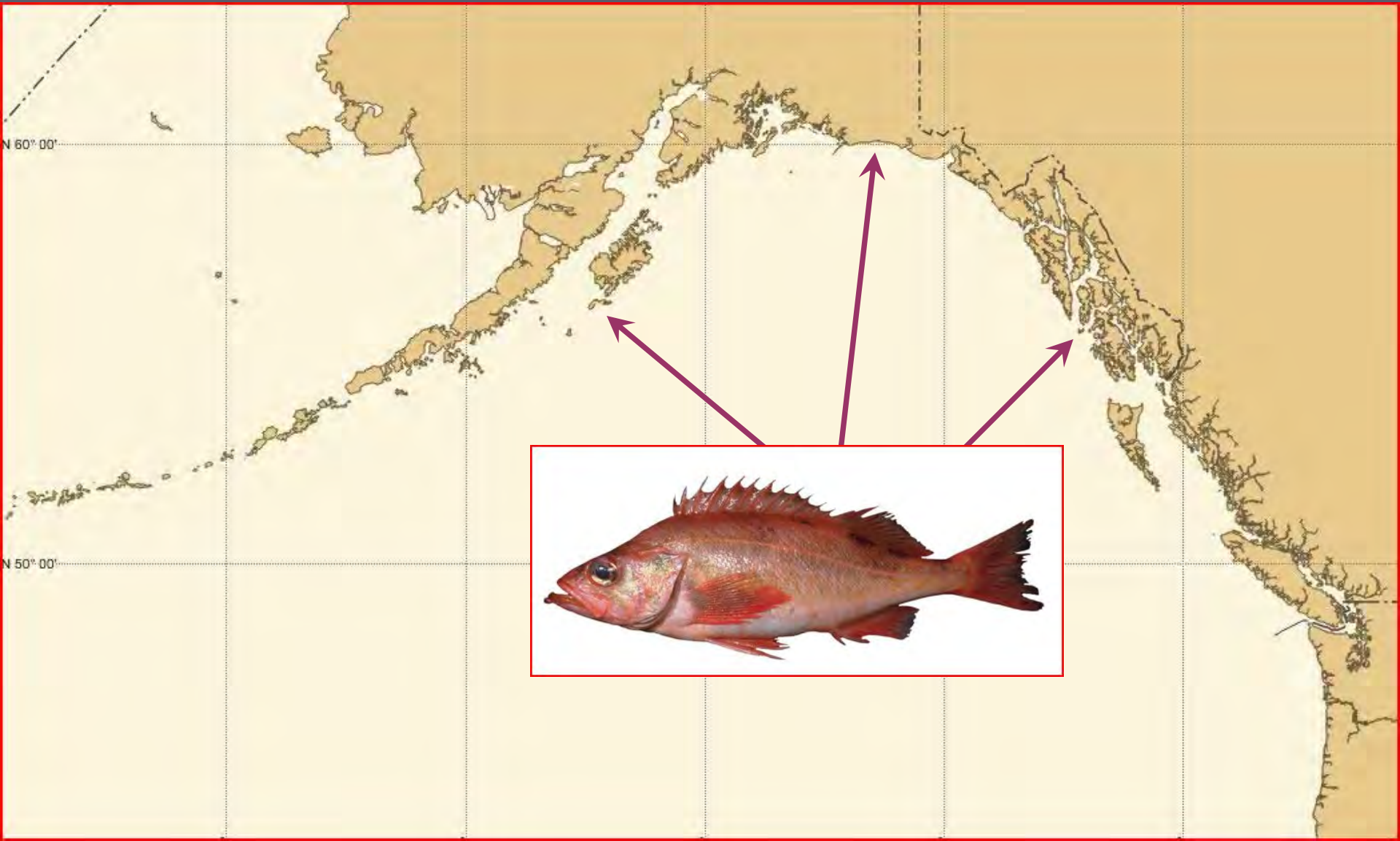


Early 1990s
Event: JVs Ended
Response: Found a Domestic Mothership Market

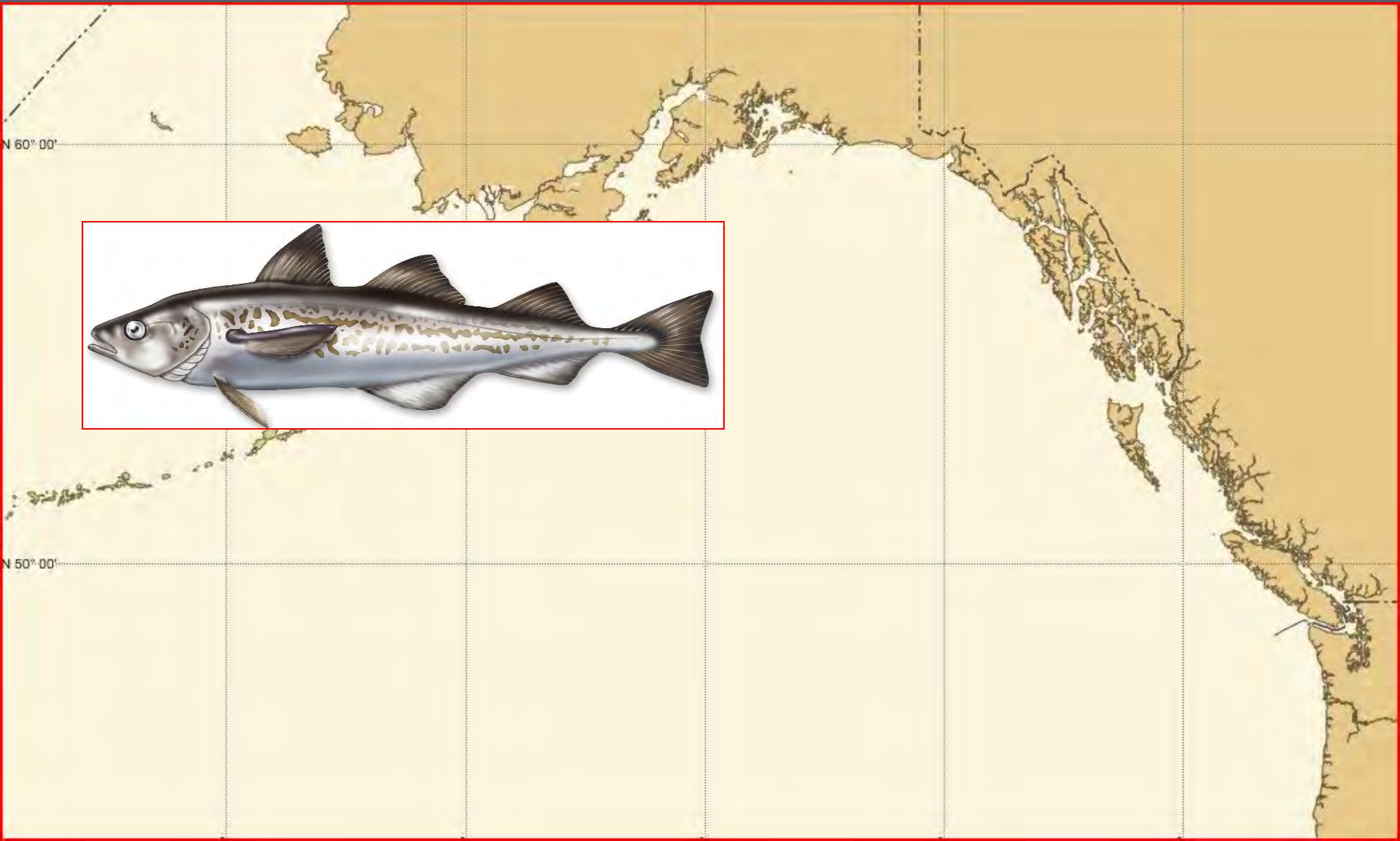


1992-1997

Event: Speedwell Goes Bankrupt
Response: Scramble for Alternative Markets



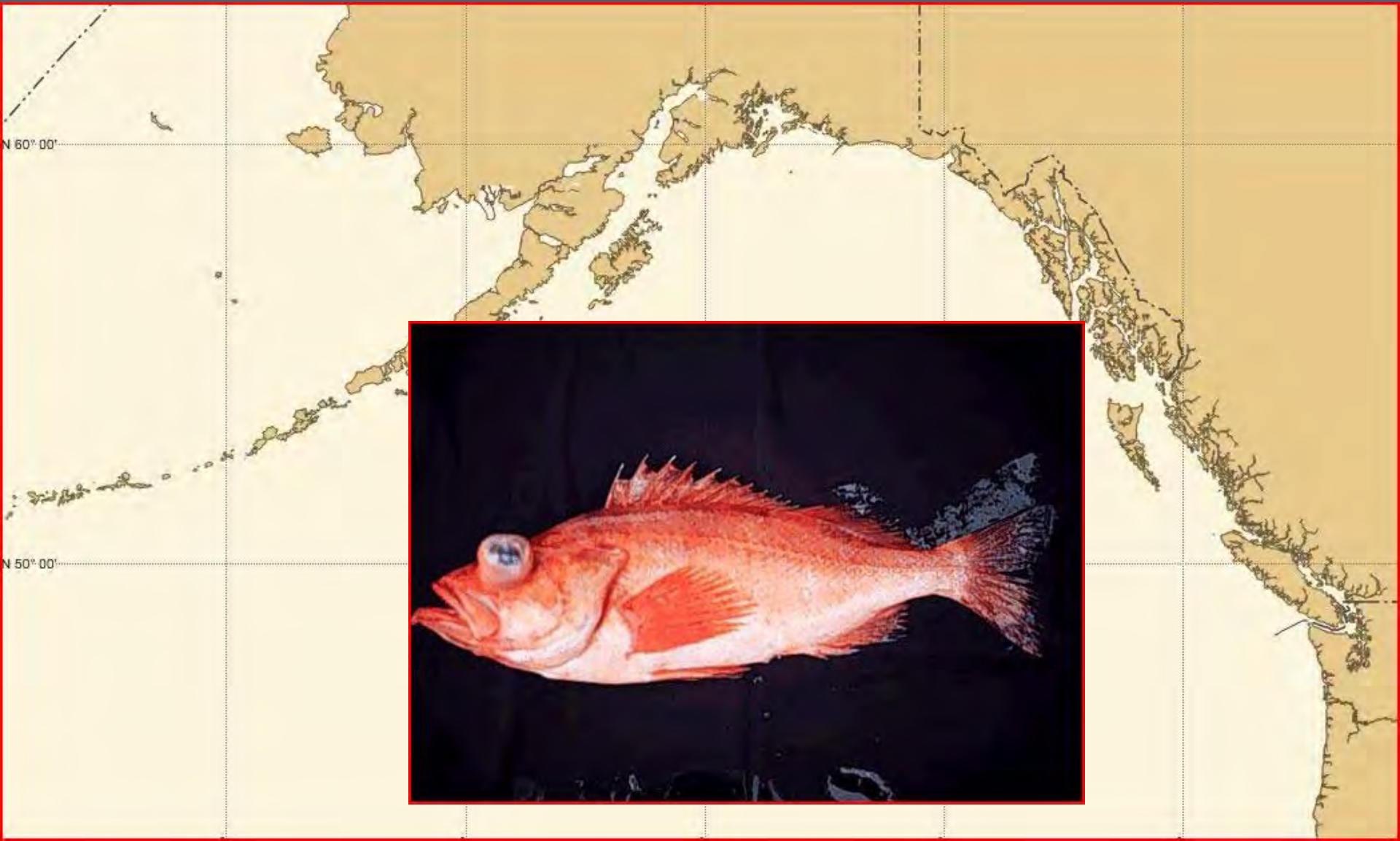
1998 Bering Sea Pollock Is Rationalized



2002 Bering Sea Crab Is Rationalized

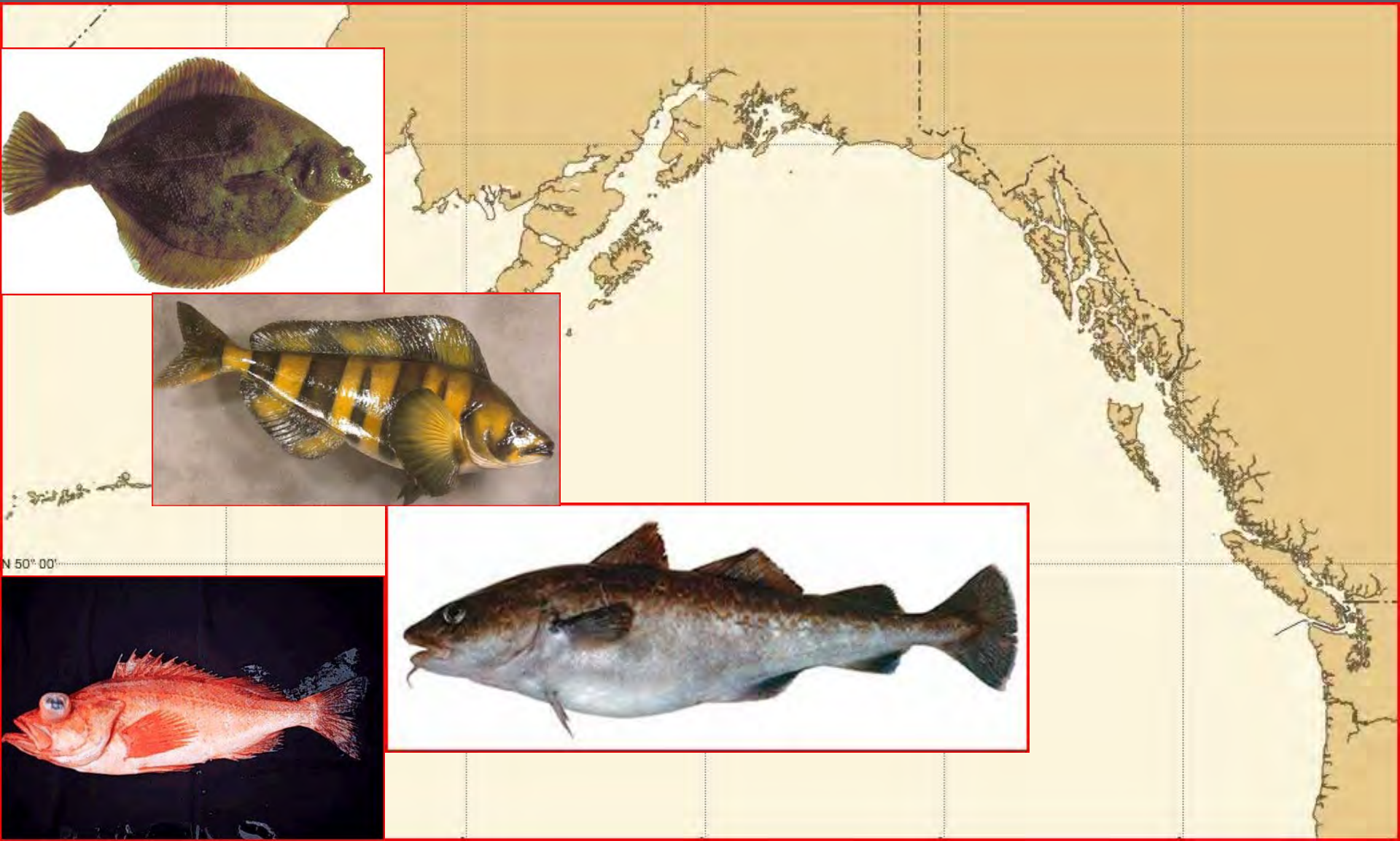


2004 Gulf of Alaska Rockfish is Rationalized



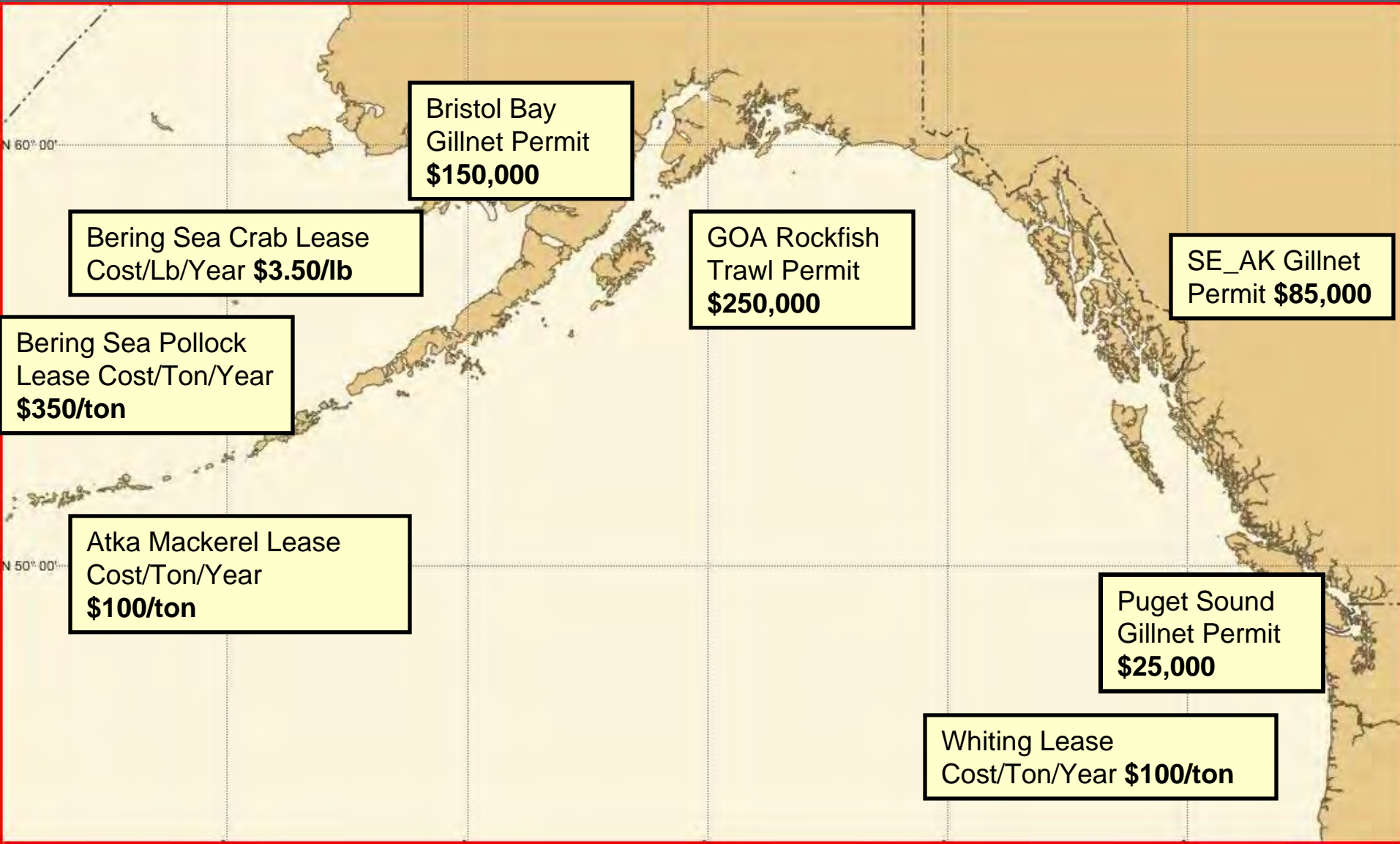
2008

BSAI Atka Mackerel, Rockfish, Cod and Sole Are Rationalized for Trawl CPs



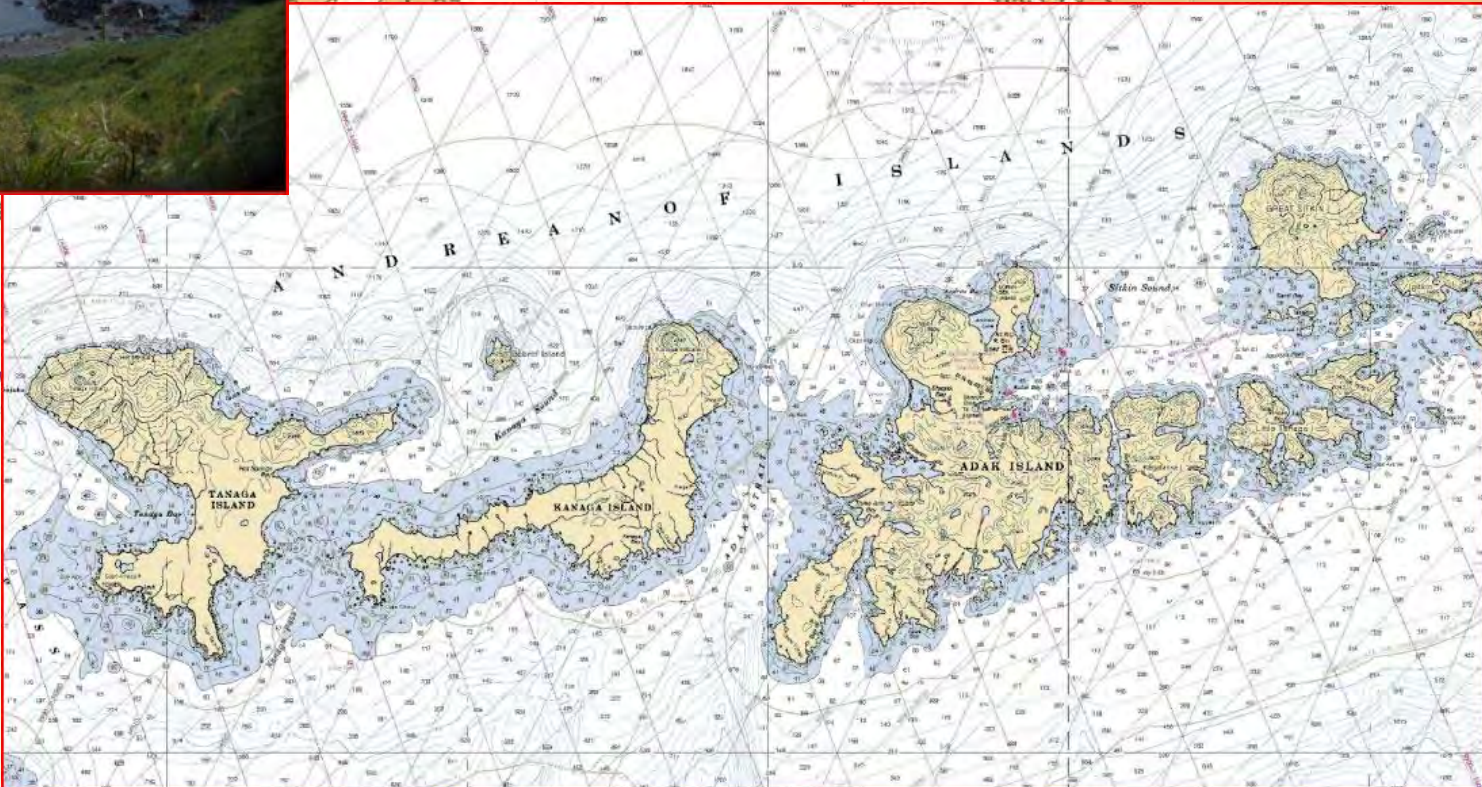
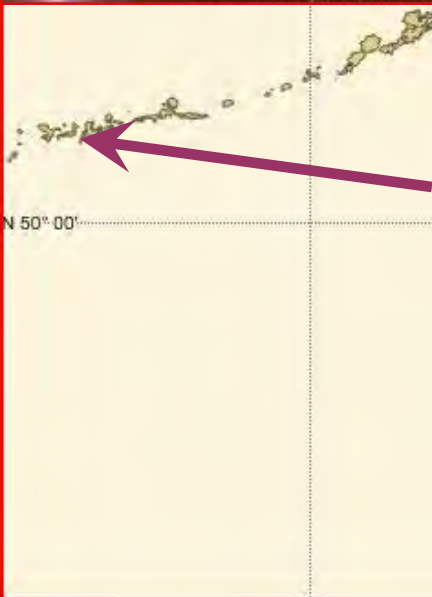
Adapting to Change - Flexibility?

Event: The Cost of Entry With LAPPs



Adapting to Change – Living on the Edge

What Does Rationalization Mean for a Small Community?



Adak as a Case Study

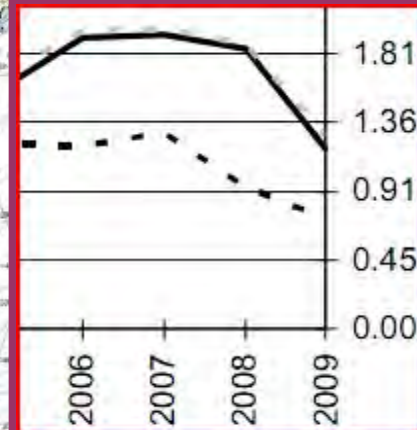
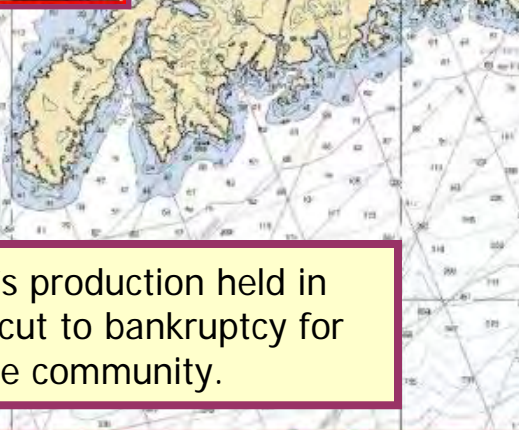
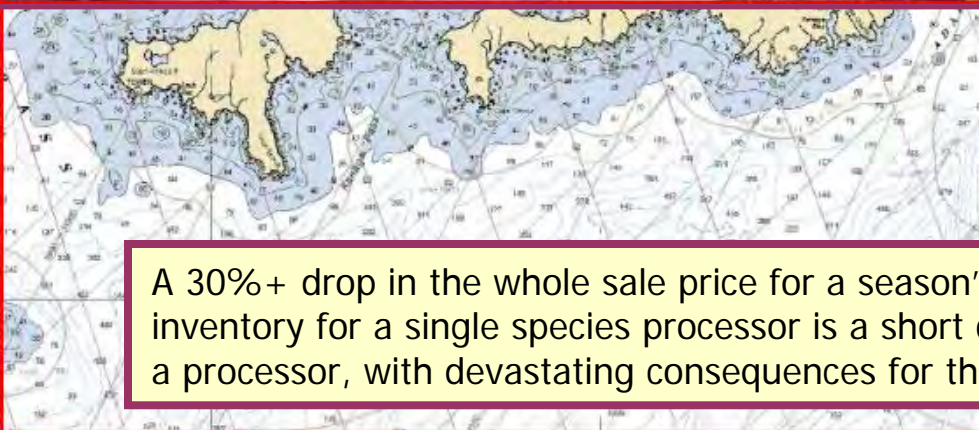
- ▶ “Adaptation and maladaptation to environmental change - Factors that influence the fragility or resilience of sub-Arctic fisheries and fishing dependent communities” Keith Criddle
- ▶ “Durable individual entitlements to shares of the allowable catch increase profitability that helps fishermen adapt to modest adverse changes in stock abundance, ex-vessel prices, and input costs but their fragility to larger perturbations is increased.”
- ▶ “In addition, while catch shares increase choice and therefore resilience from the perspective of individuals, catch shares can increase or decrease the resilience of fishery dependent communities”

Surviving Change – Being Left Out of Rationalization What Does Rationalization Mean for a Small Community?



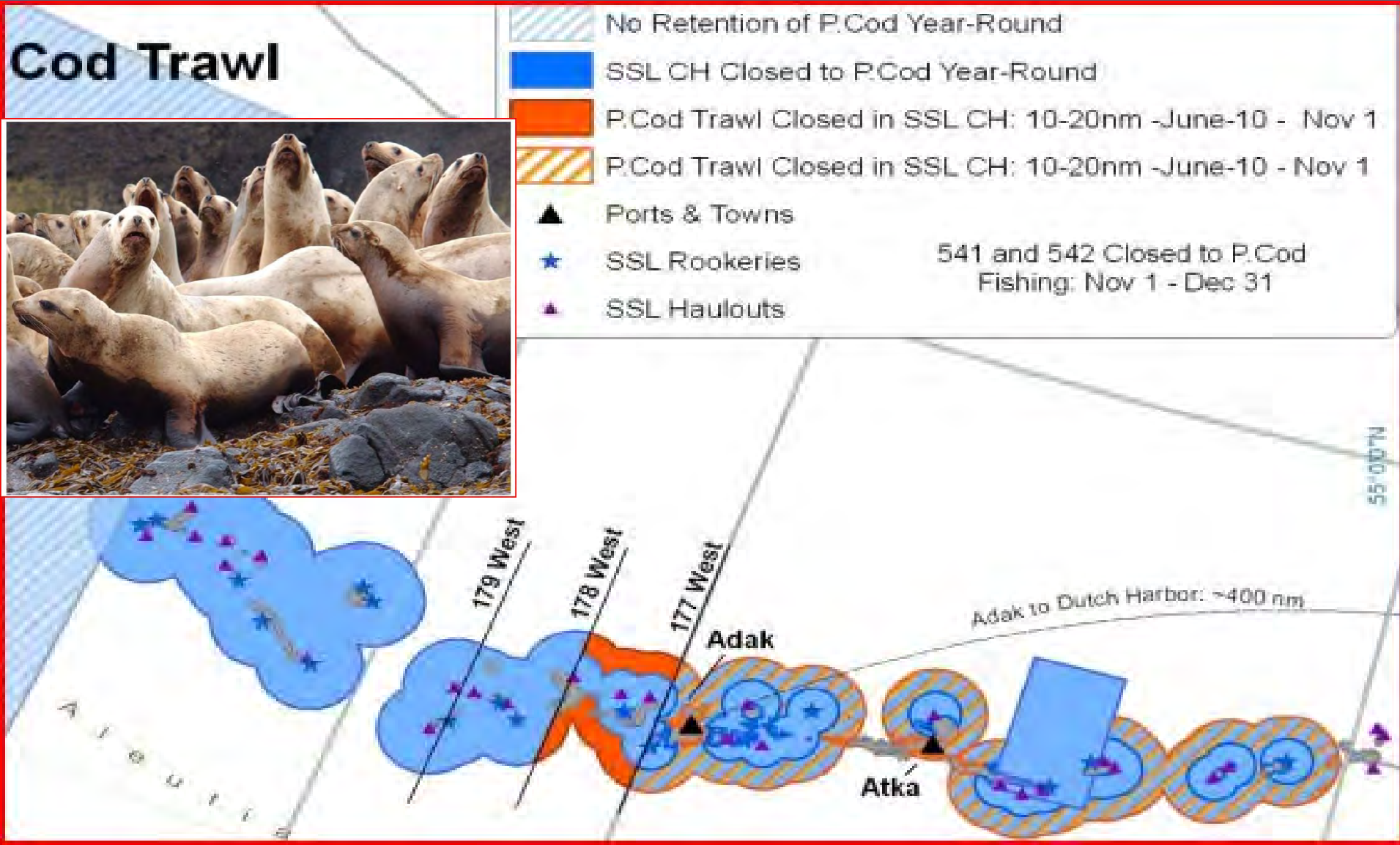
An 80% Reduction in King Crab Landings Post-Rationalization

Surviving Change – Price Fluctuations When a Small Community Depends on One Species....



A 30%+ drop in the whole sale price for a season's production held in inventory for a single species processor is a short cut to bankruptcy for a processor, with devastating consequences for the community.

Surviving Change – Sea Lion Restrictions When a Small Community Depends on One Species....



Surviving Change: What Does the Future Hold for This Small Community?



Questions?

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