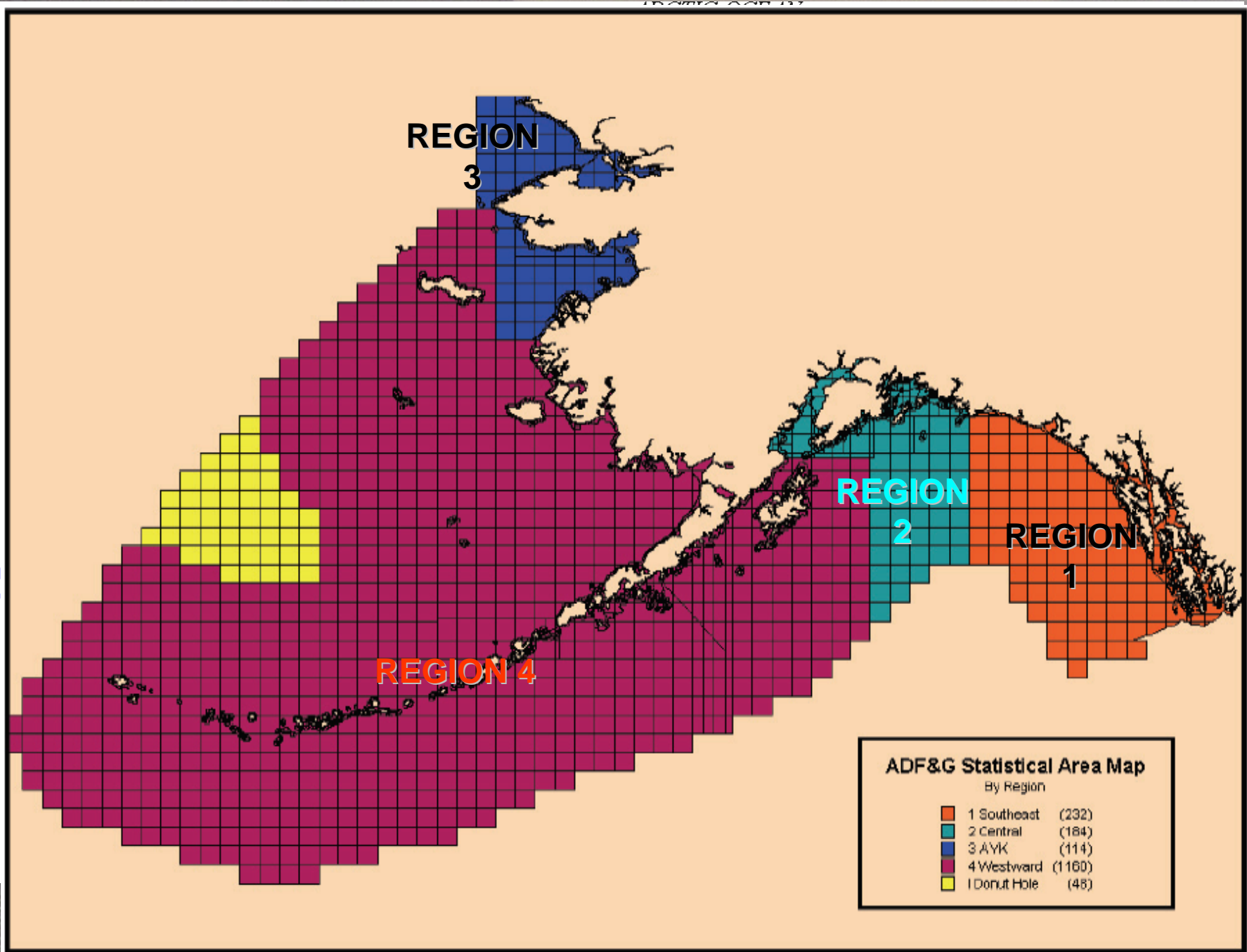
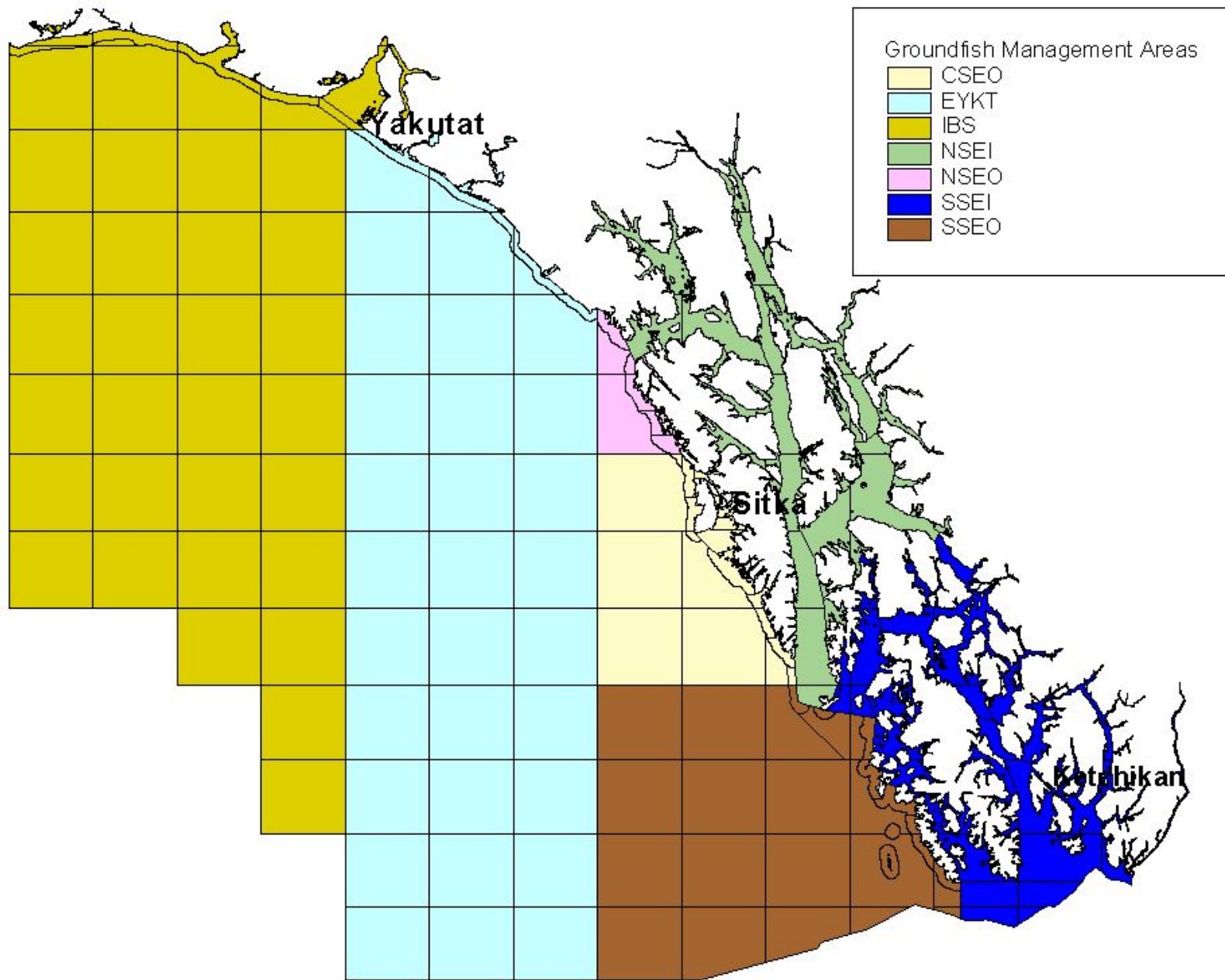


**Alaska Department of Fish and Game
Report to NPFMC Steller Sea Lion Mitigation Committee
Alaska Fisheries Science Center
Seattle, Washington**



May 16-18, 2006





For All Fisheries:

Mandatory logbook program

Port sampling for species/length/weight/sex/maturity/otoliths

Catch accounting through fish tickets

For Some Fisheries:

Estimate unreported catch for DSR and sablefish

Use lower 90% CI for biomass estimate

Tag reward program for sablefish, lingcod, black, DSR

Rockfish is bycatch only except for DSR & Black



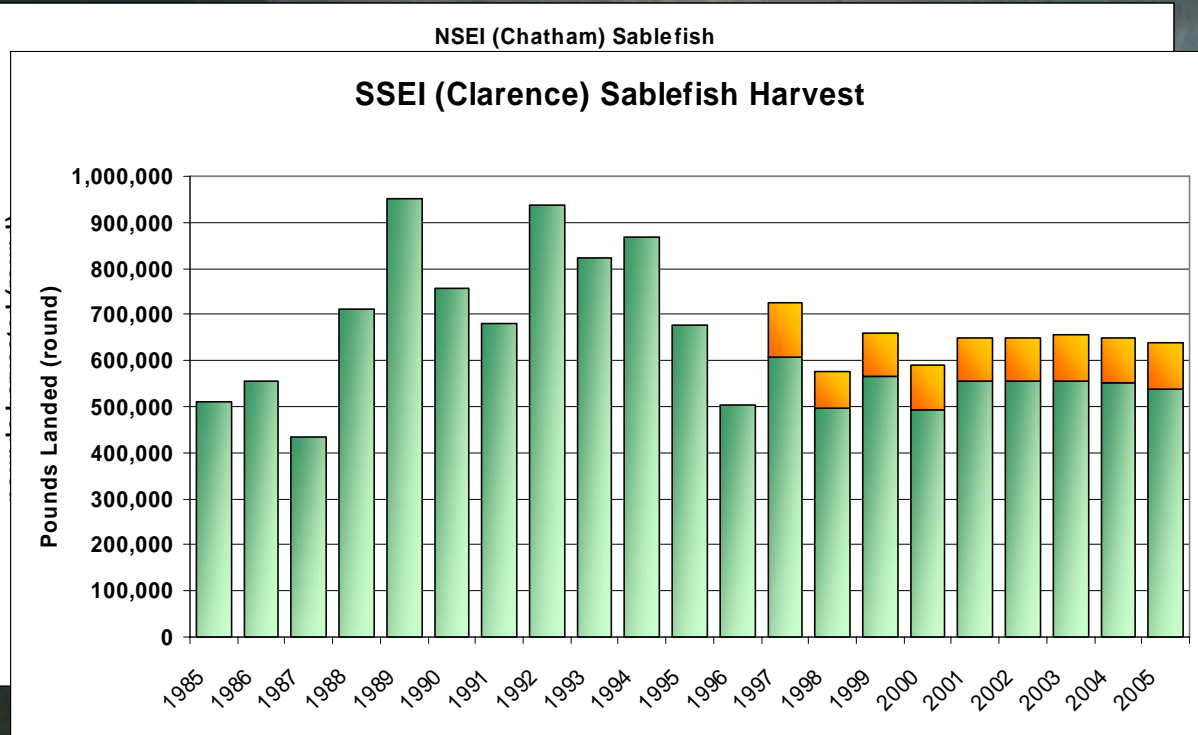
Southeast Sablefish

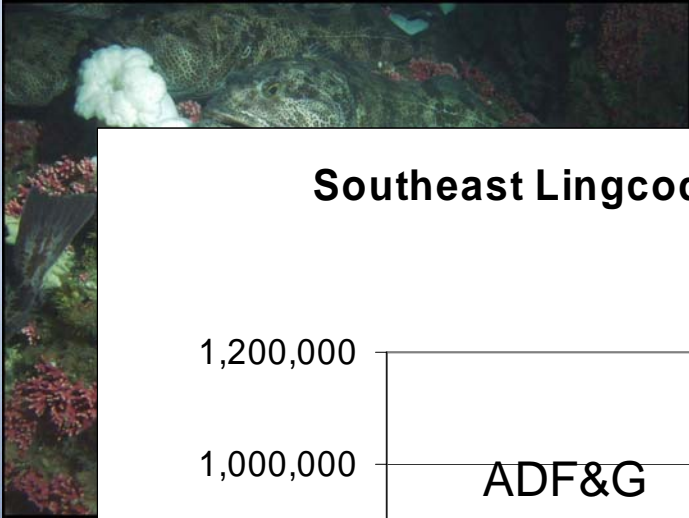
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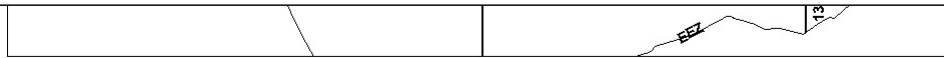
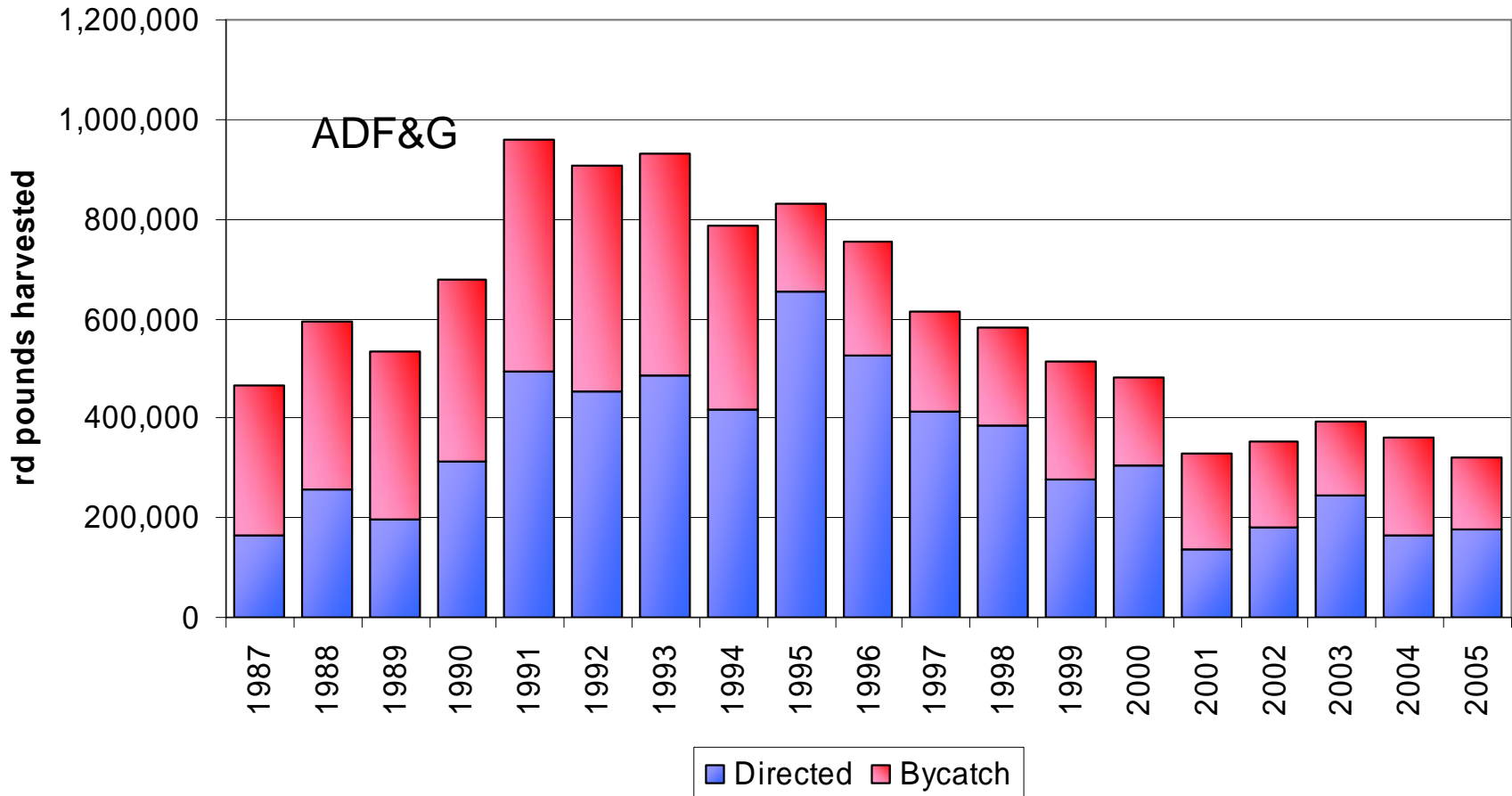




Lingcod Fishing in SE
Directed: dingleber

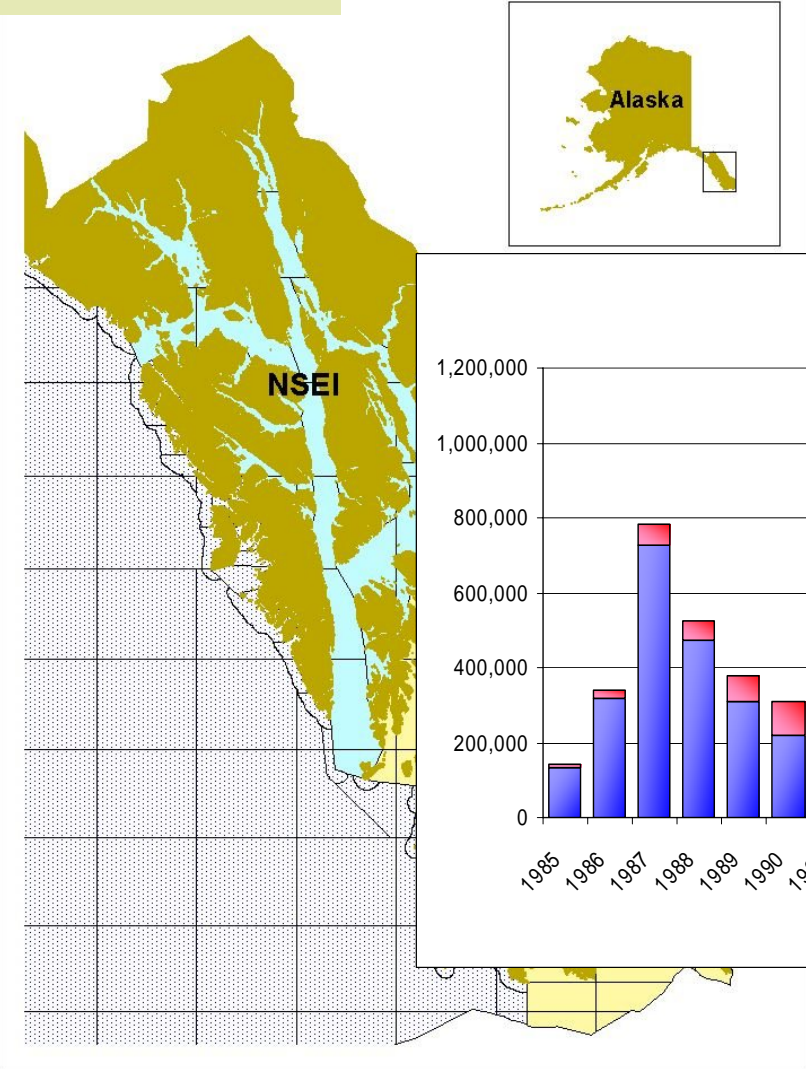
Area	SEO	SE	SEO
Fishery	Directed	Longline Bycatch	Troll Bycatch

Southeast Lingcod landed in commercial groundfish and halibut fisheries



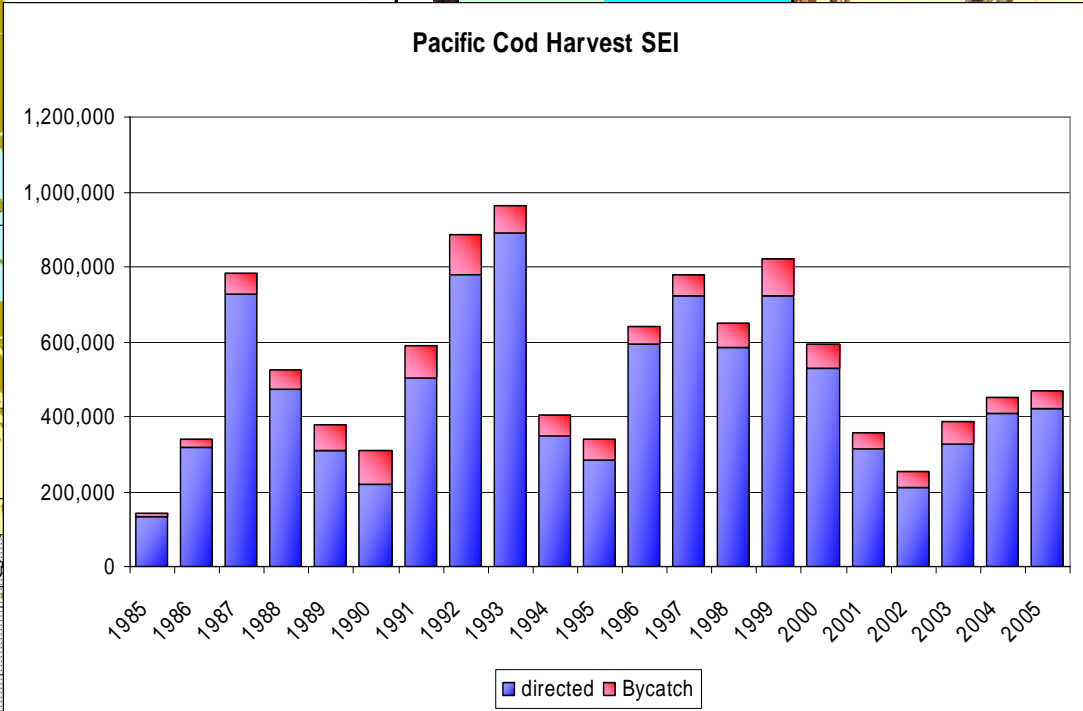
Area	SEO	SE	SEO
Nov			
Dec			

PACIFIC COD



Area	NSEI/SSEI
Fishery	Pcod
Jan	
Feb	

In-season closures to distribute catch

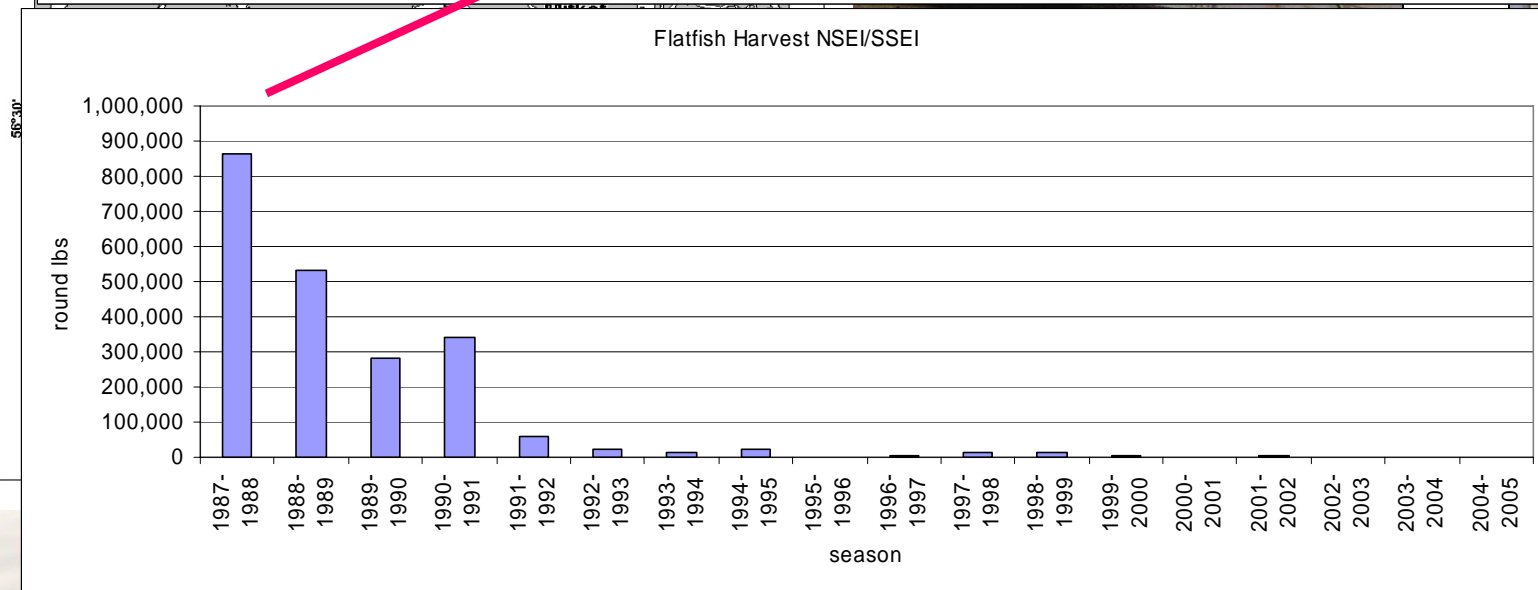
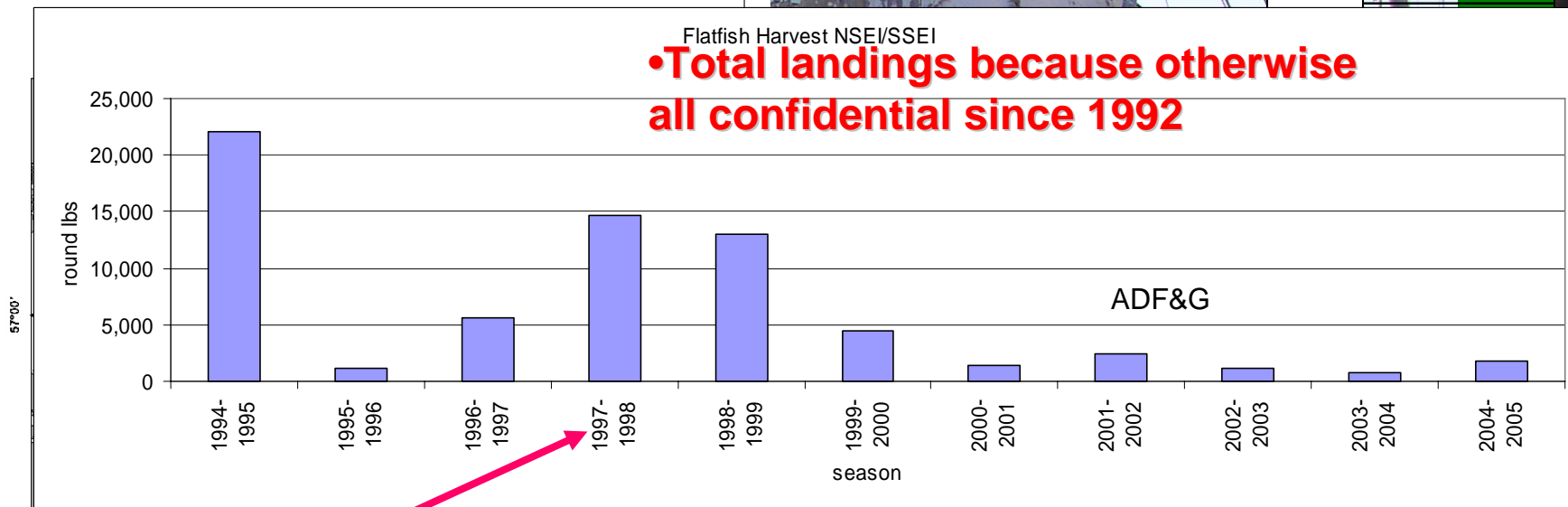


Oct	
Nov	
Dec	

Flatfish Beam Trawl

Area	SSEI
Fishery	Flatfish- beam trawl

Flatfish Harvest NSEI/SSEI
Total landings because otherwise all confidential since 1992

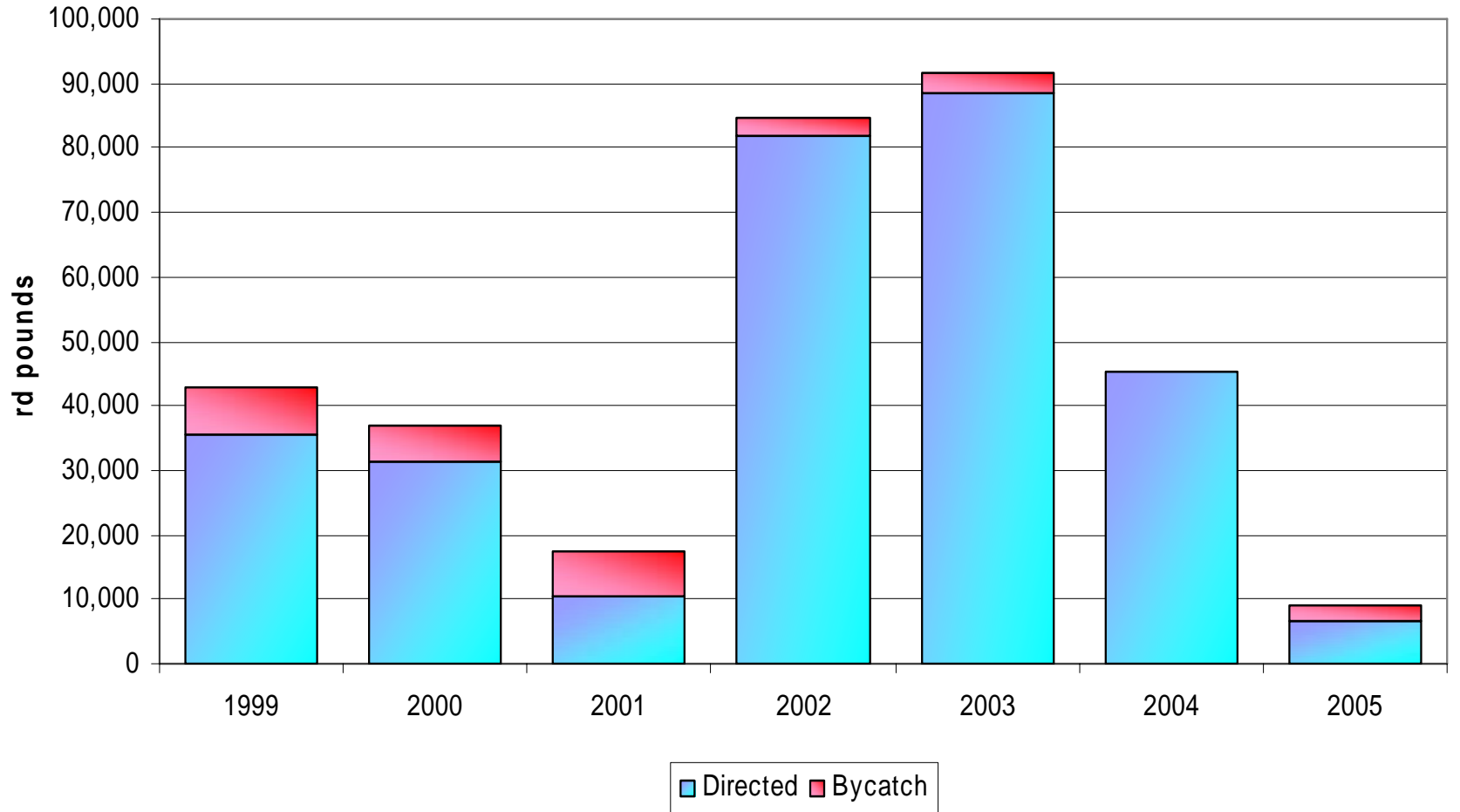


Black Rockfish – SE AK

Area	SE
Fishery	Black
Jan	

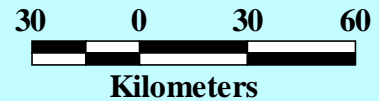
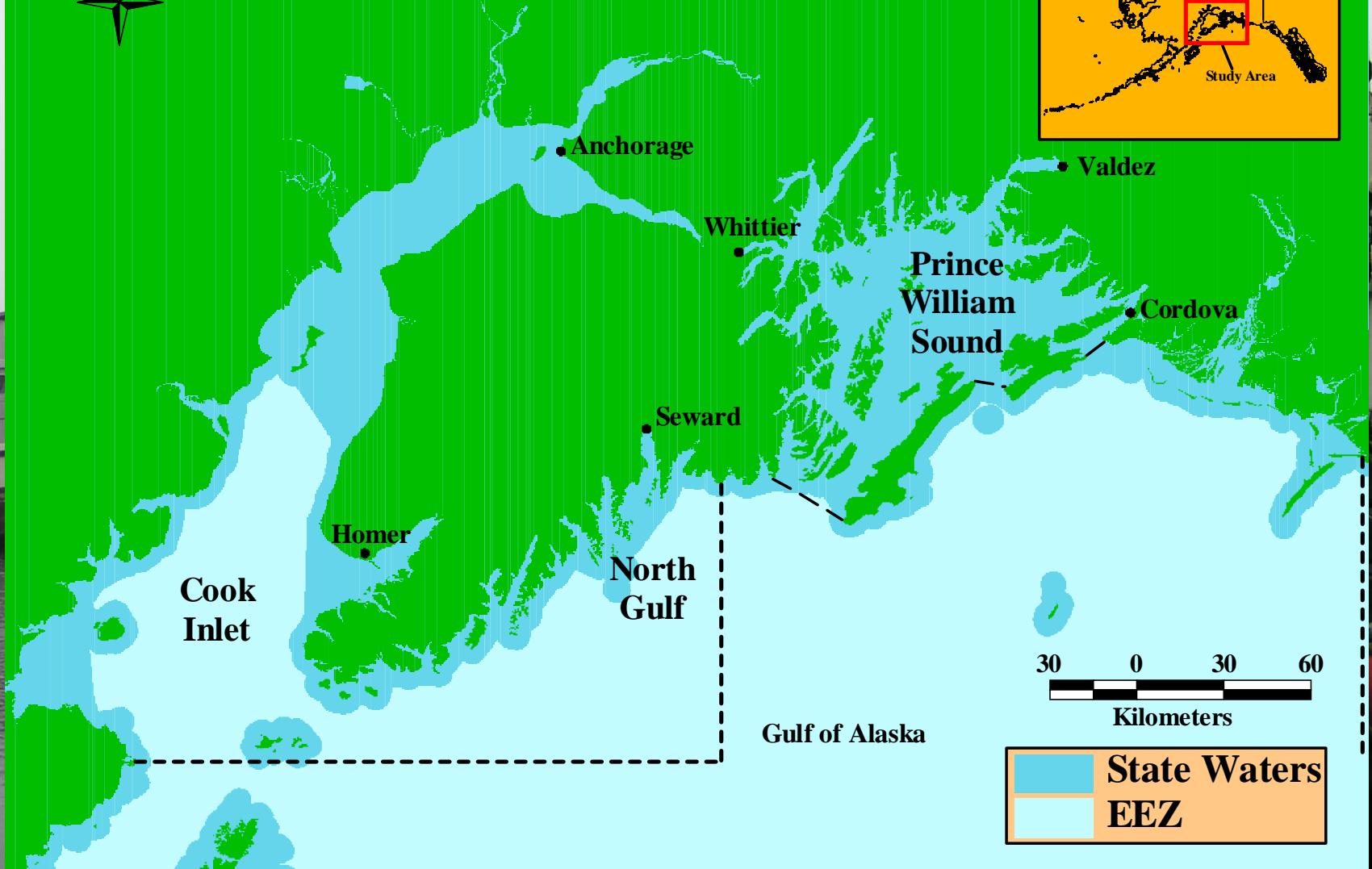
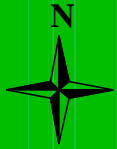


Black Rockfish Landed Catch SE



Dec

ADF&G Central Region Groundfish Management Areas



PWS SABLEFISH

Inside District - Split Season:

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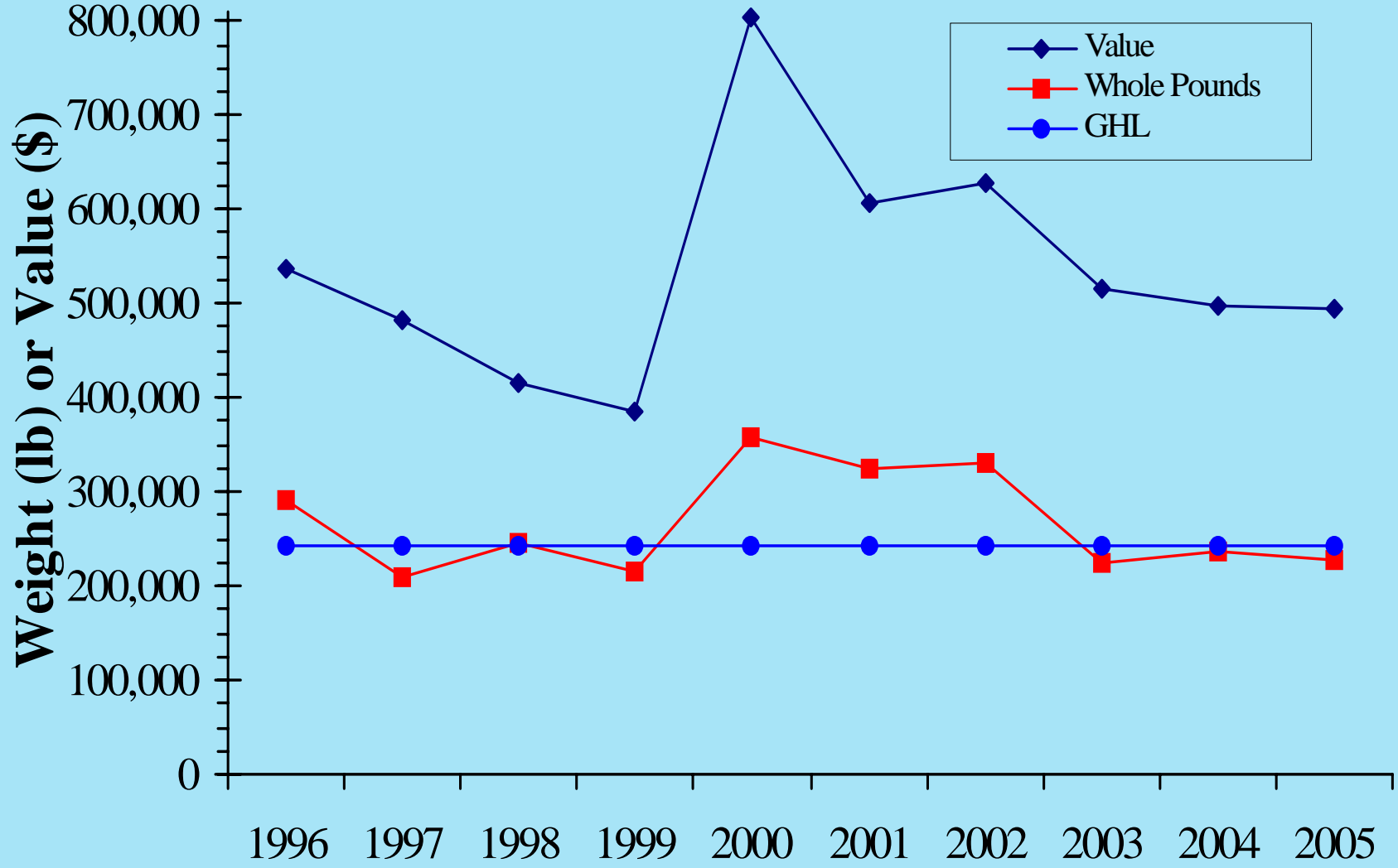
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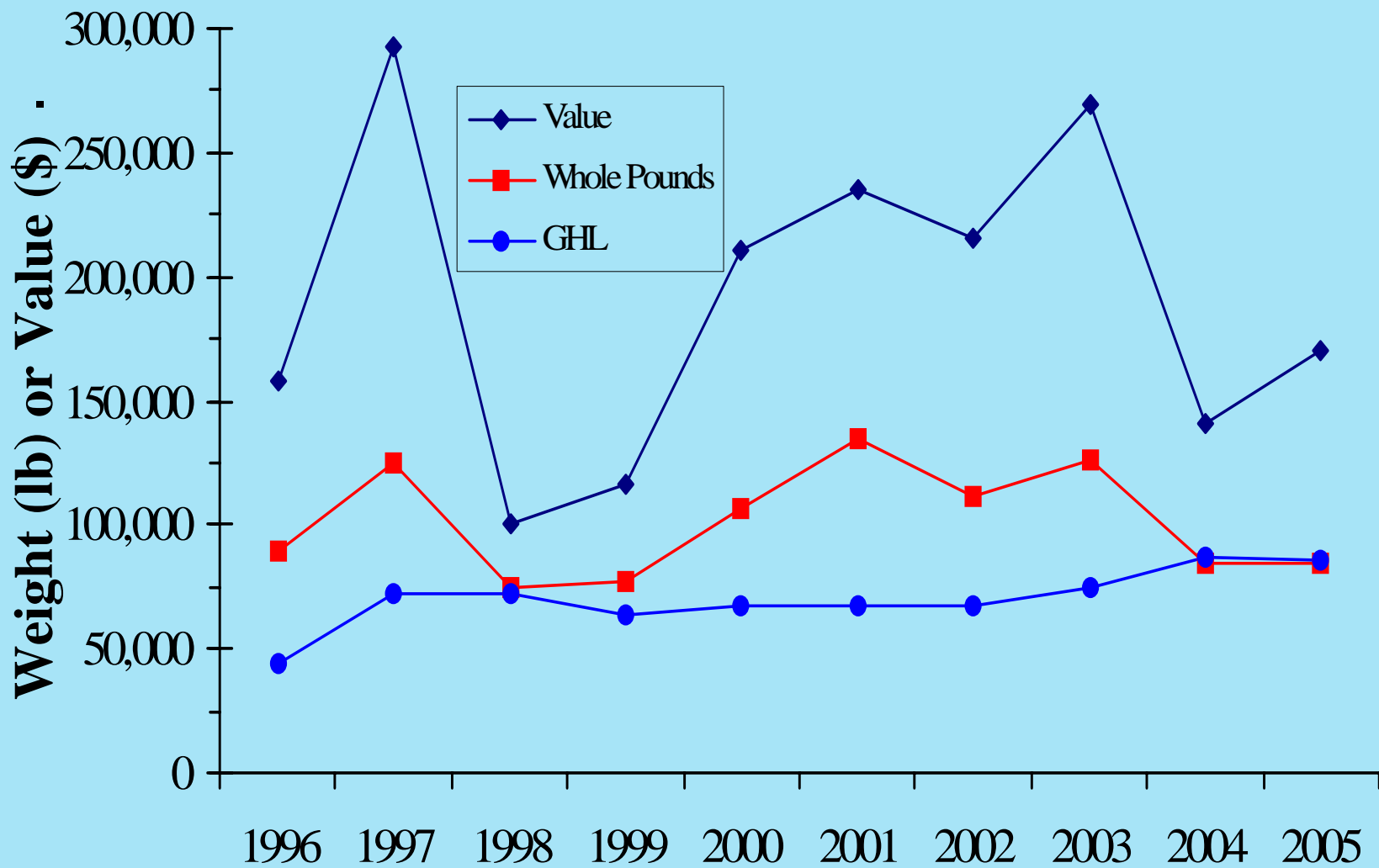
24

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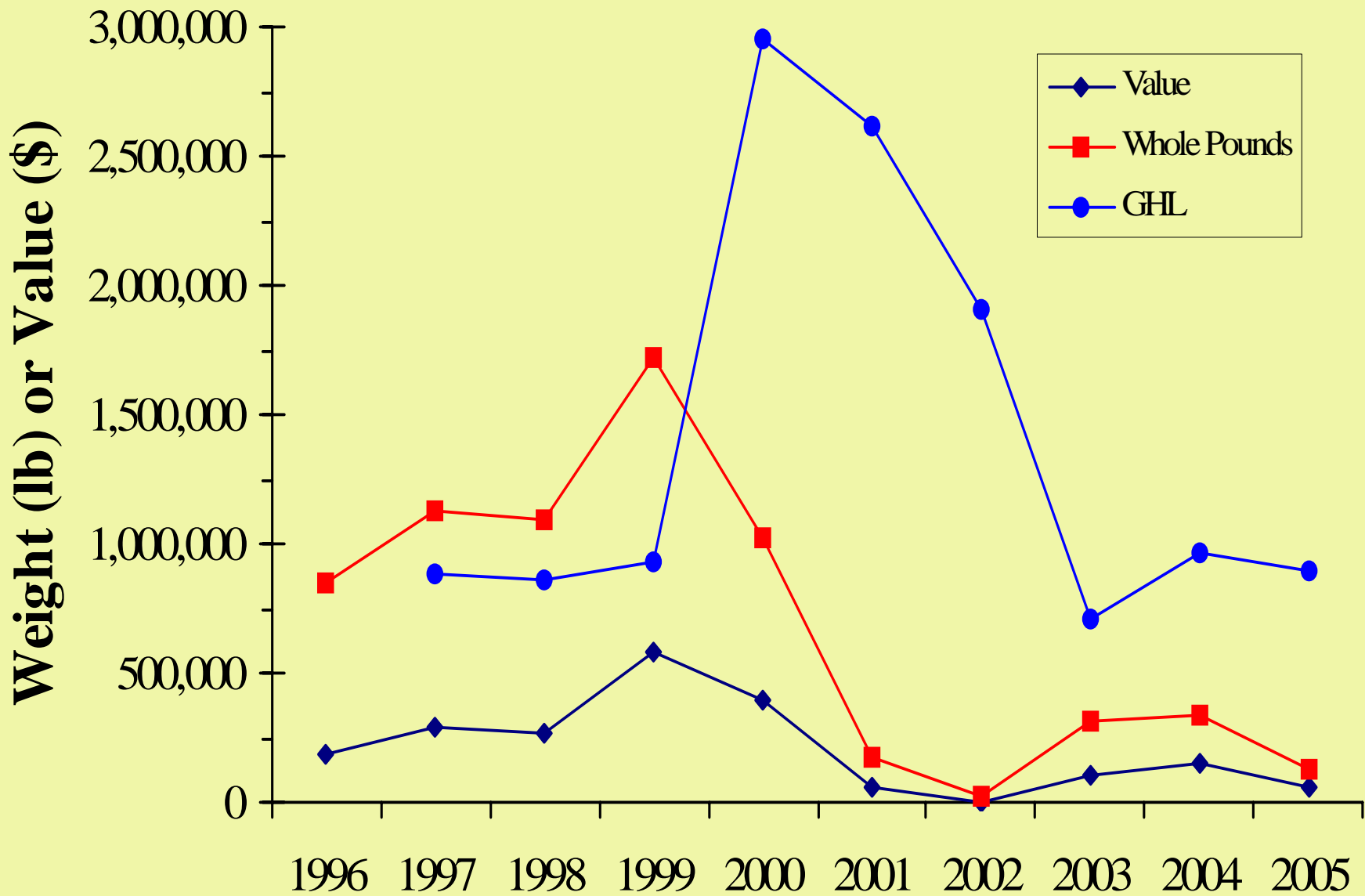


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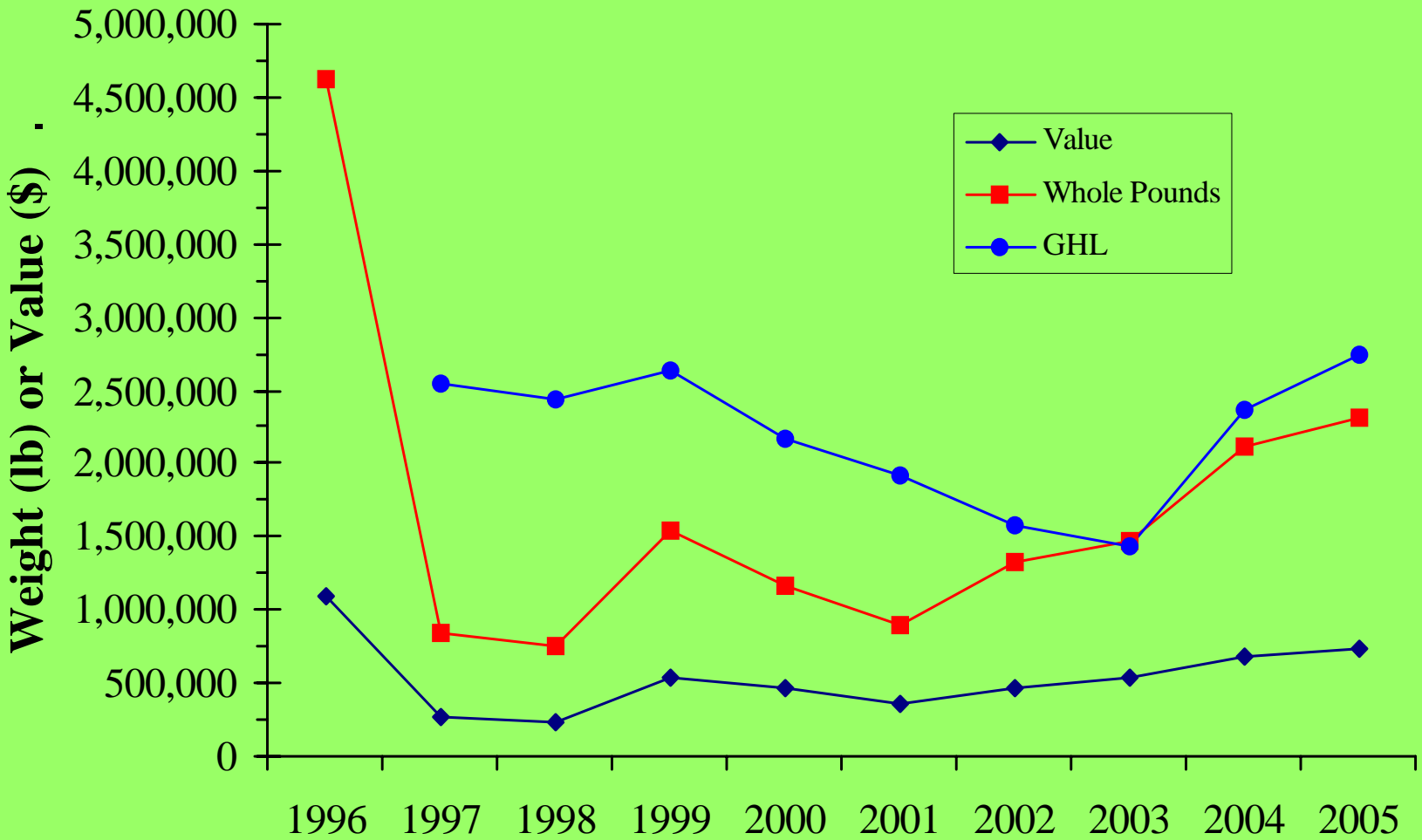


PWS Pacific Cod



Cook Inlet Pacific Cod

Cook Inlet Pacific Cod:



Allocated 75/25 to pot/jig gear and up to 25% of total GHL to vessels >58 ft

148 50.25W

Cape Douglas

30 51.10W

State & Federal Waters

Black Rockfish managed by State of Alaska in EEZ

General Rockfish Information

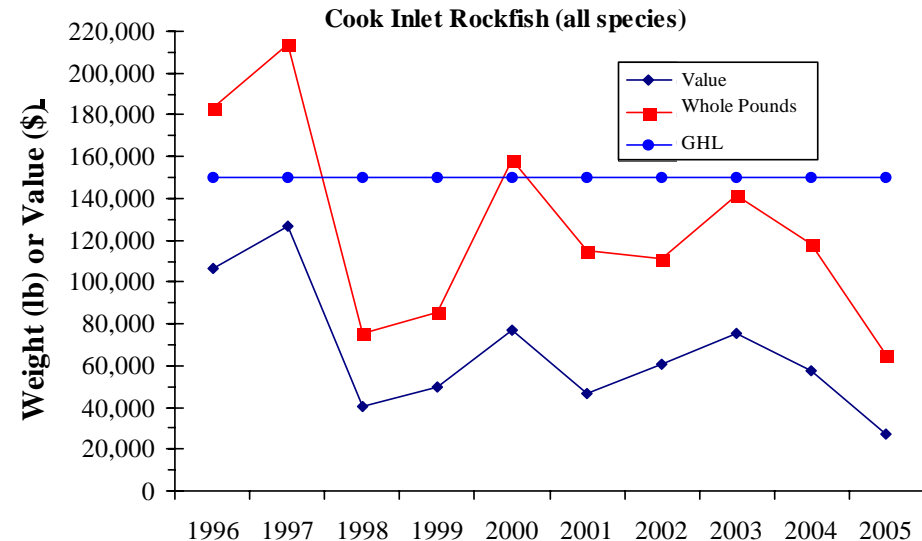
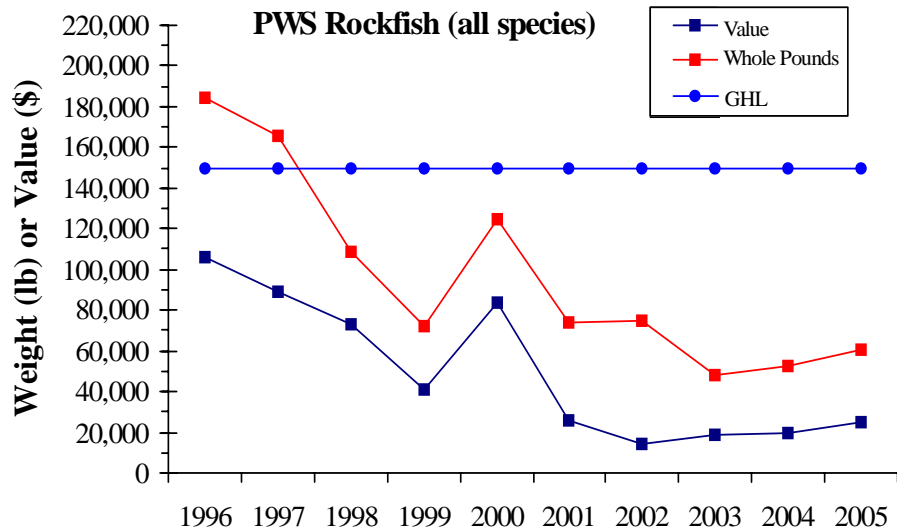
1. 5% rockfish bycatch limit for jig gear during state waters Pacific cod season.
2. Mandatory retention of all rockfish, proceeds from sale of bycatch overages go to SOA (currently attempting to return overages to research projects)
3. Sport fish removals are significant - more than commercial fishery

Overall GHL

75% of average harvest 1978-1995 (all rockfish)

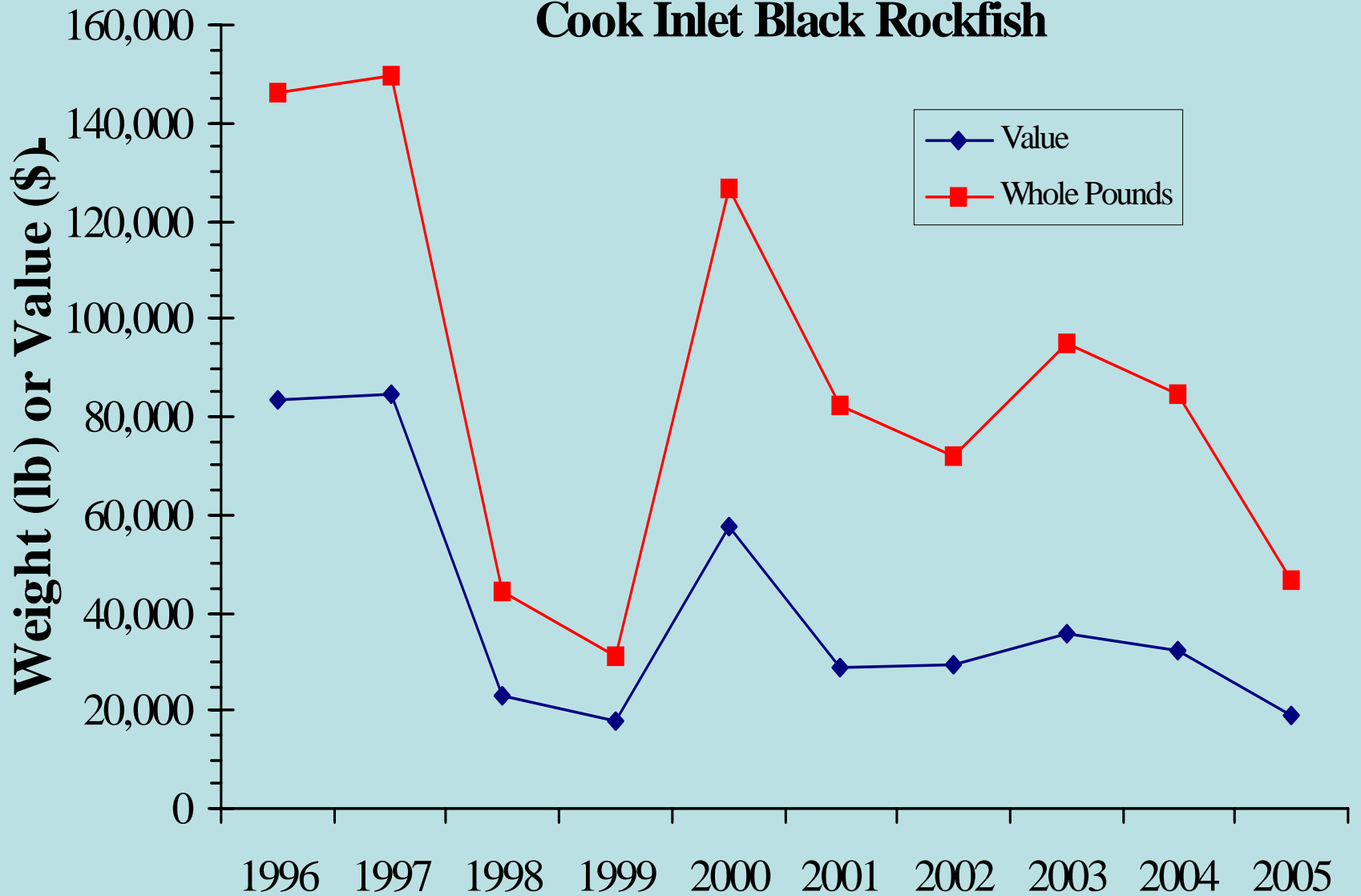
Pelagic Shelf Rockfish Assemblage:

Black = 96%
Dusky = ~4%
Other = <1%



Cook Inlet Pelagic Shelf Rockfish :

Cook Inlet Black Rockfish



Demersal Shelf Rockfish: Fishery, Management and Surveys

Bycatch ONLY in PWS and Cook Inlet:

Cook Inlet: In 2005 Board of Fisheries restricted Cook Inlet directed rockfish fishery to a pelagic only fishery, with mandatory retention of all rockfish (non-pelagic rockfish count towards bycatch allowance). Proceeds from sale of bycatch overages go to SOA (attempting to return overages to research projects).

General:

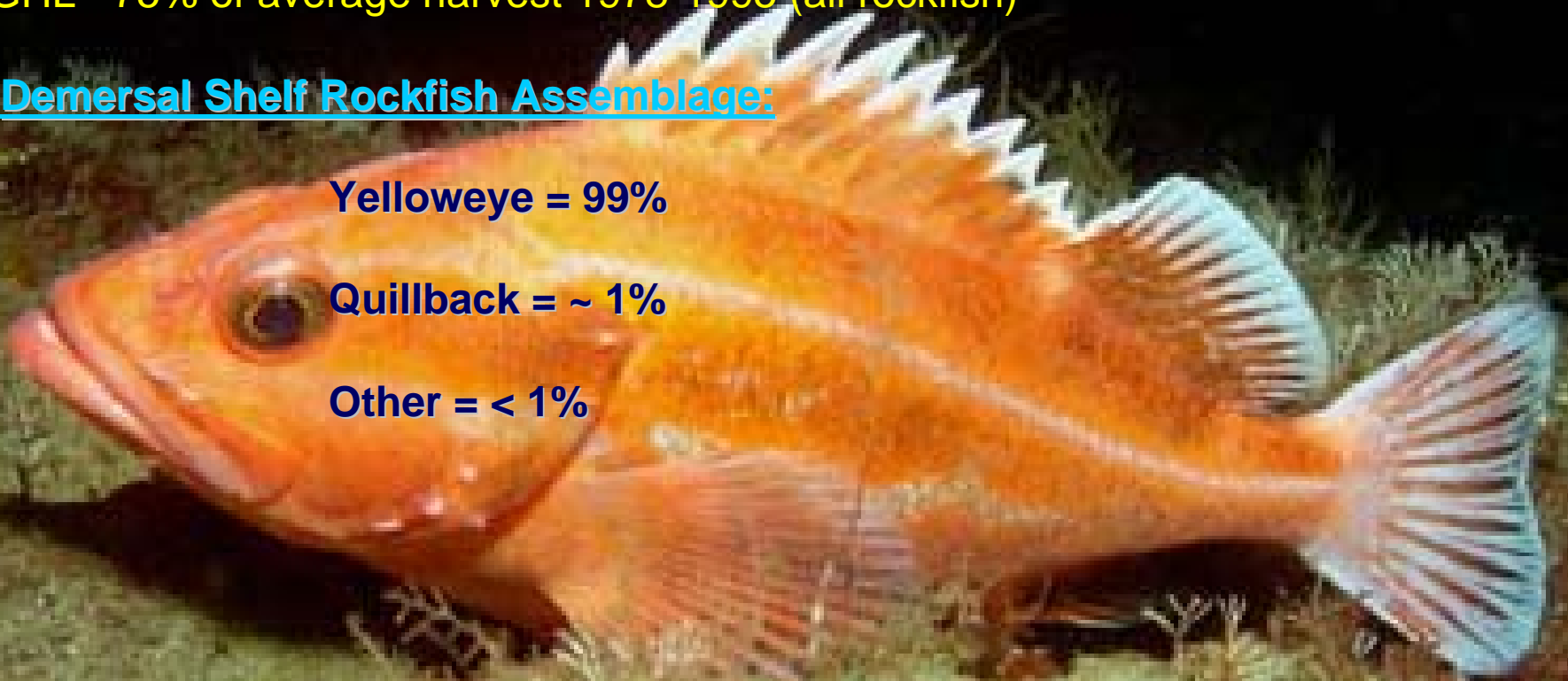
5% rockfish bycatch limit for jig gear during state waters Pacific cod season.
GHL - 75% of average harvest 1978-1995 (all rockfish)

Demersal Shelf Rockfish Assemblage:

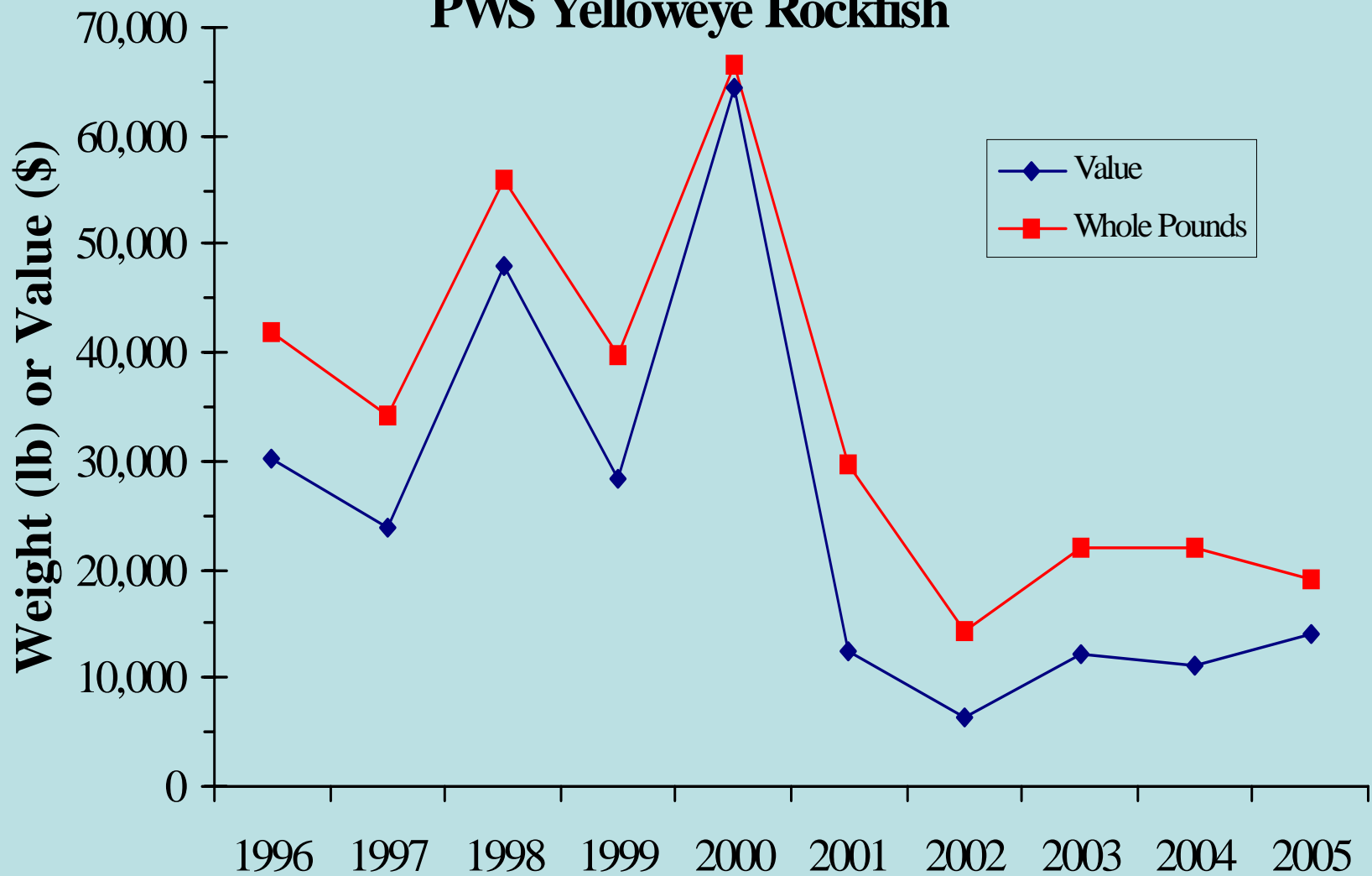
Yelloweye = 99%

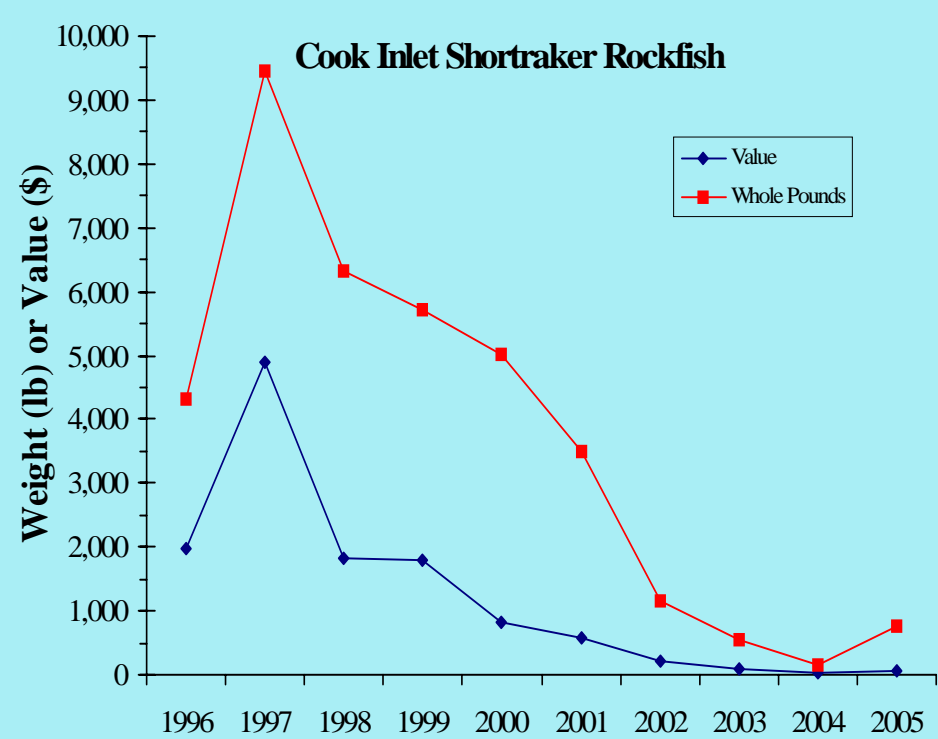
Quillback = ~ 1%

Other = < 1%



PWS Yelloweye Rockfish





et District; 4,000 lb in North Gulf District

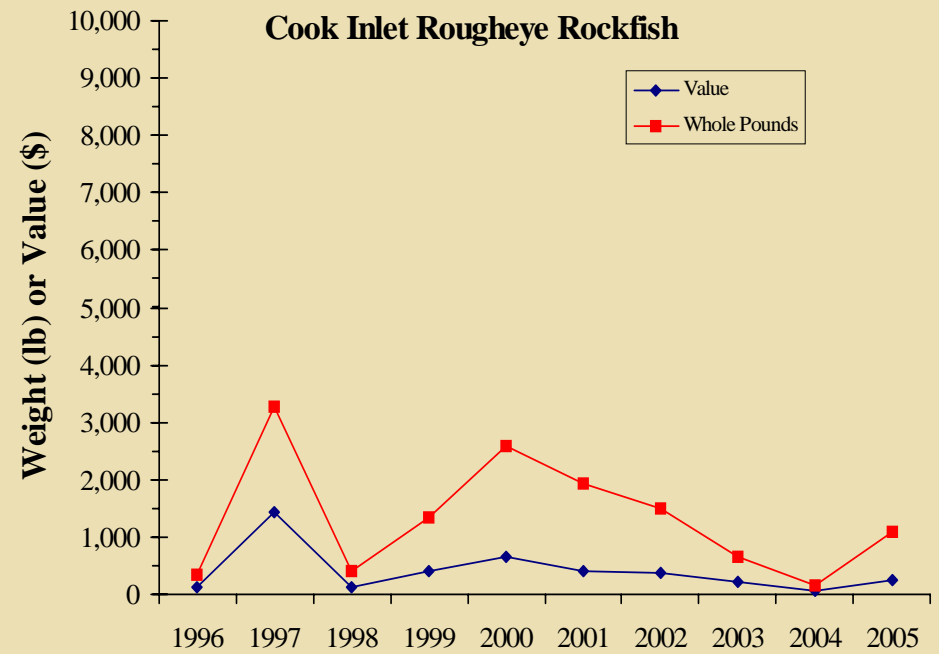
uring Pacific cod; 10% during other directed rockfish closed)

/or halibut

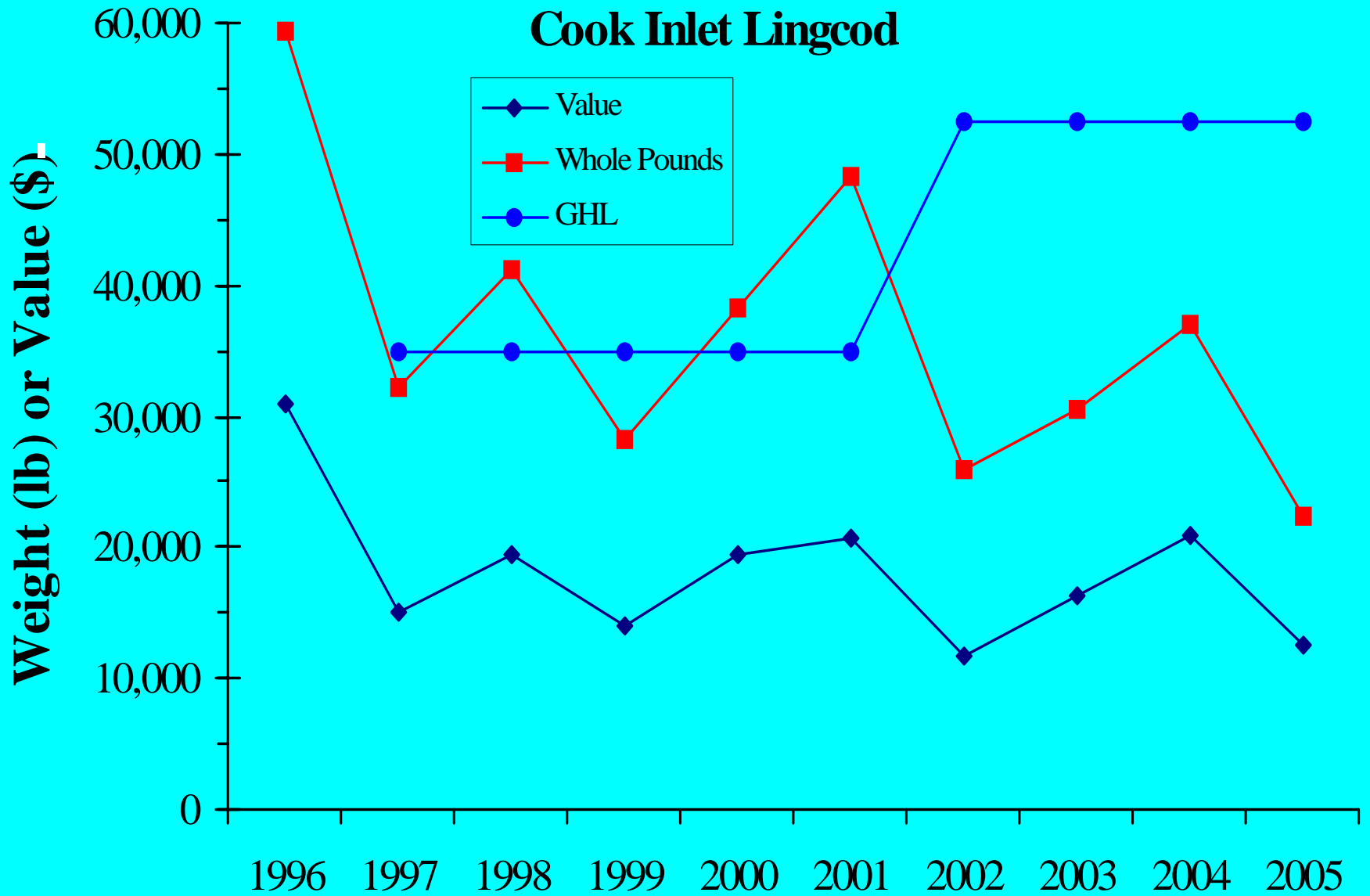
Port sampling for AWL and skipper inte

GHL - Quota

150,000 lb Harvest cap (PWS and Coo
 150,000 pounds, which includes **AL**
 may close before GHL is reached in
 bycatch in other fisheries.

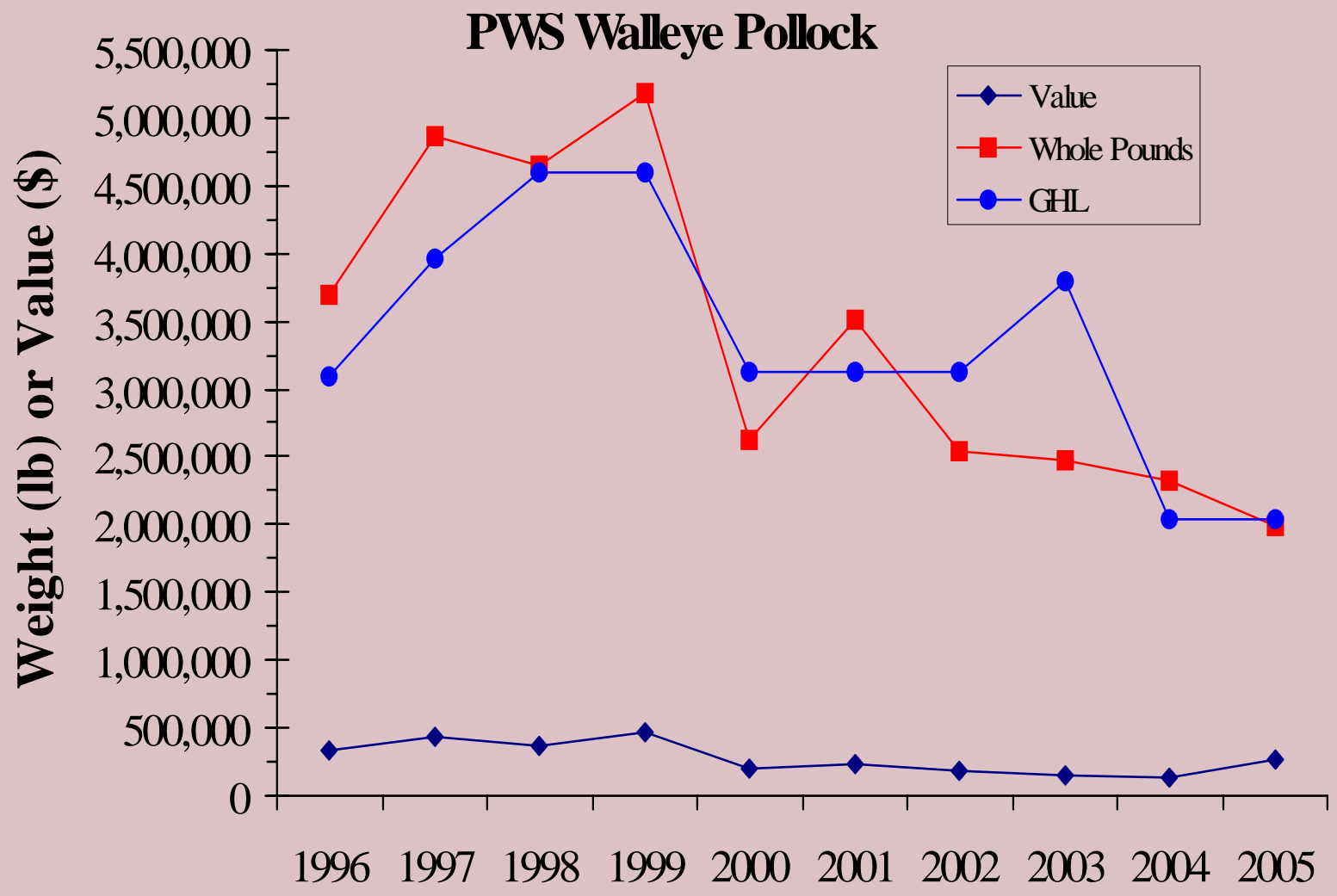


Cook Inlet Lingcod



Pollock: Fishery Management

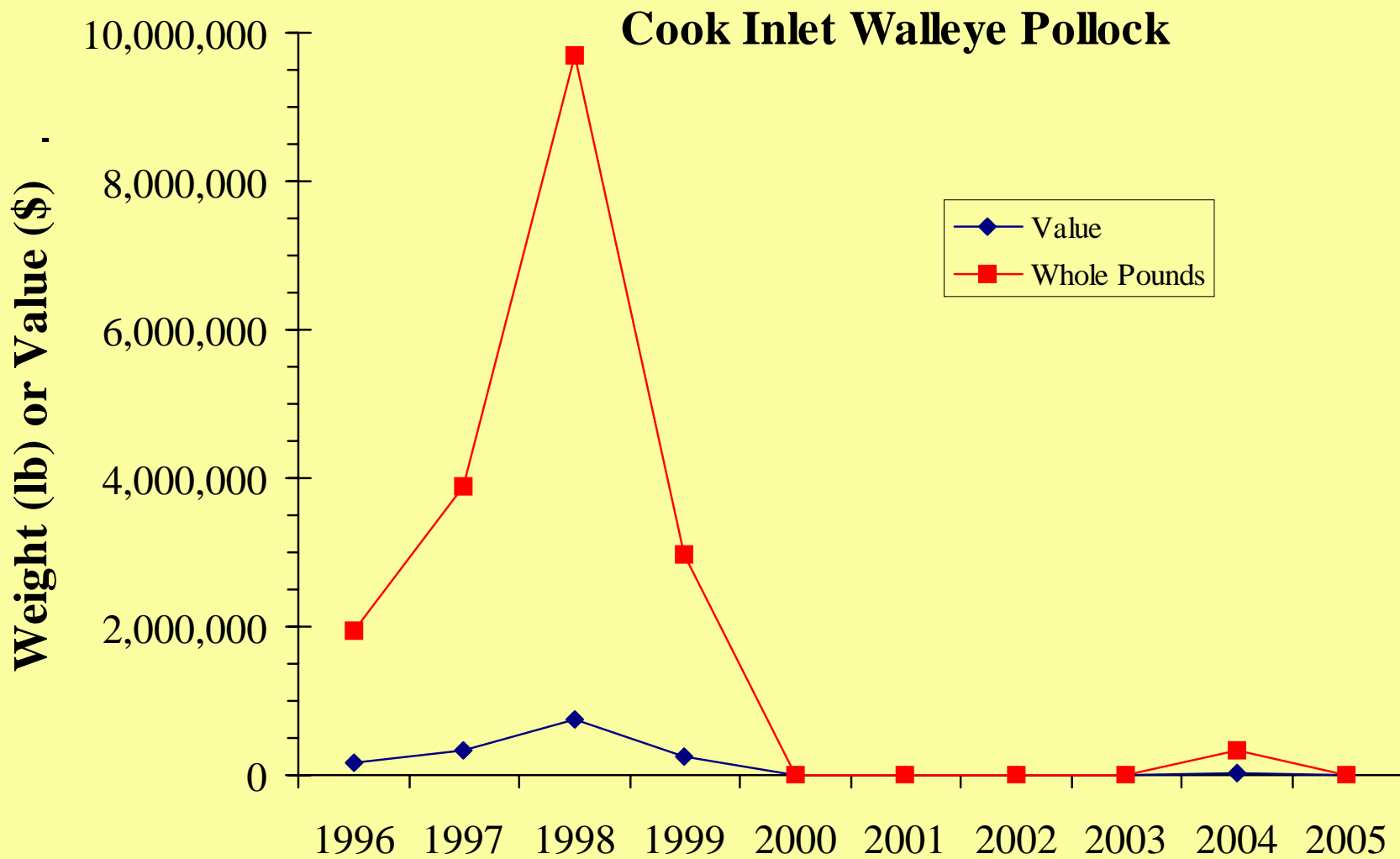
PWS Pollock:



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Pollock: Fishery Management



Flatfishes: Fishery, Management and Surveys

Flatfishes:

PWS and Cook Inlet Areas by special permit - otherwise bycatch

Gear:

Permits in Cook Inlet Area have been issued for pot, jig and longline gear

Fishery Details:

1. Open year-round
2. Area swept estimate from trawl survey data used to set allowable harvest for permit fisheries.

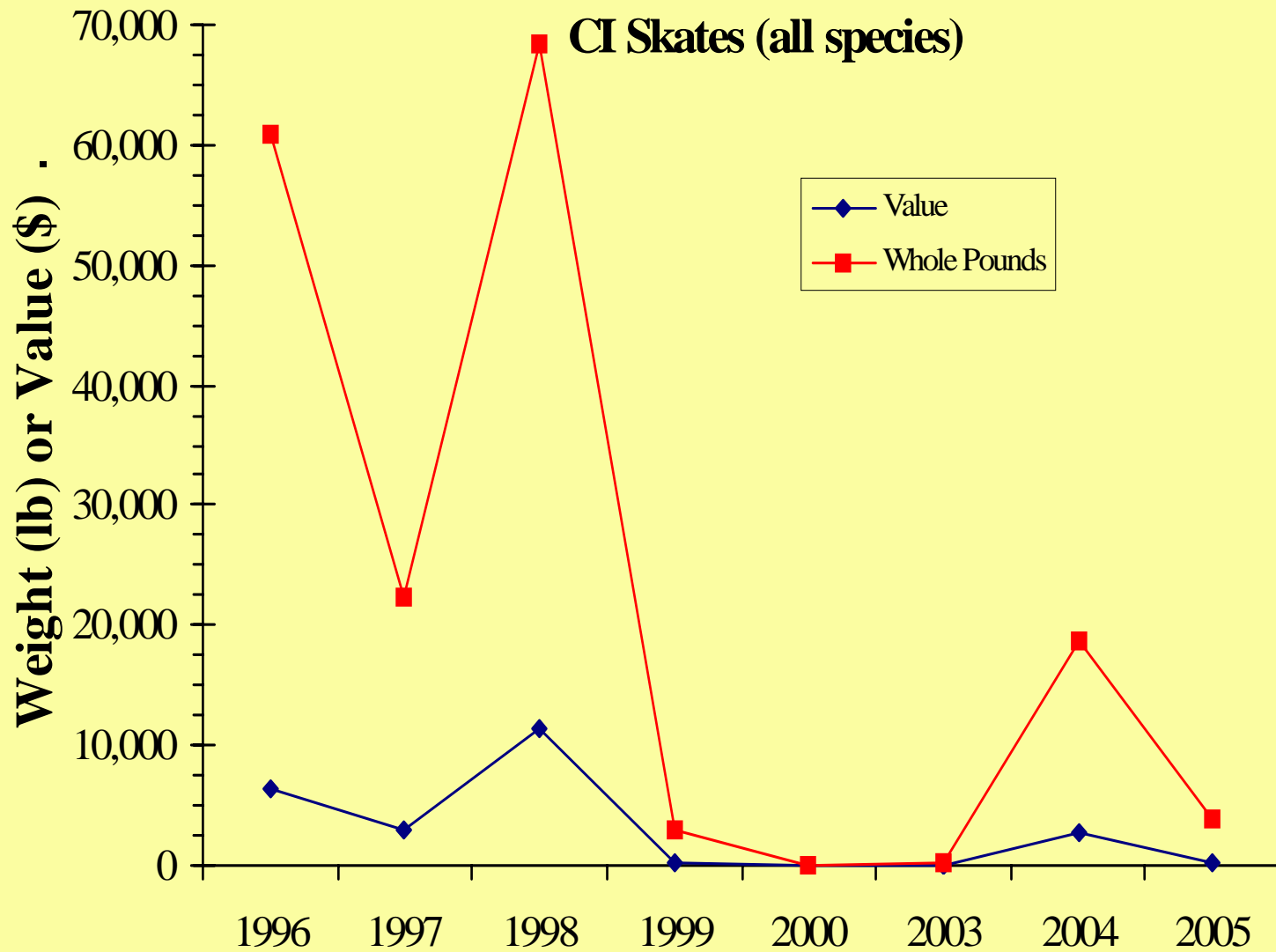
Commercial Fishery Sampling:

Port sampling for AWL, logbooks, observers

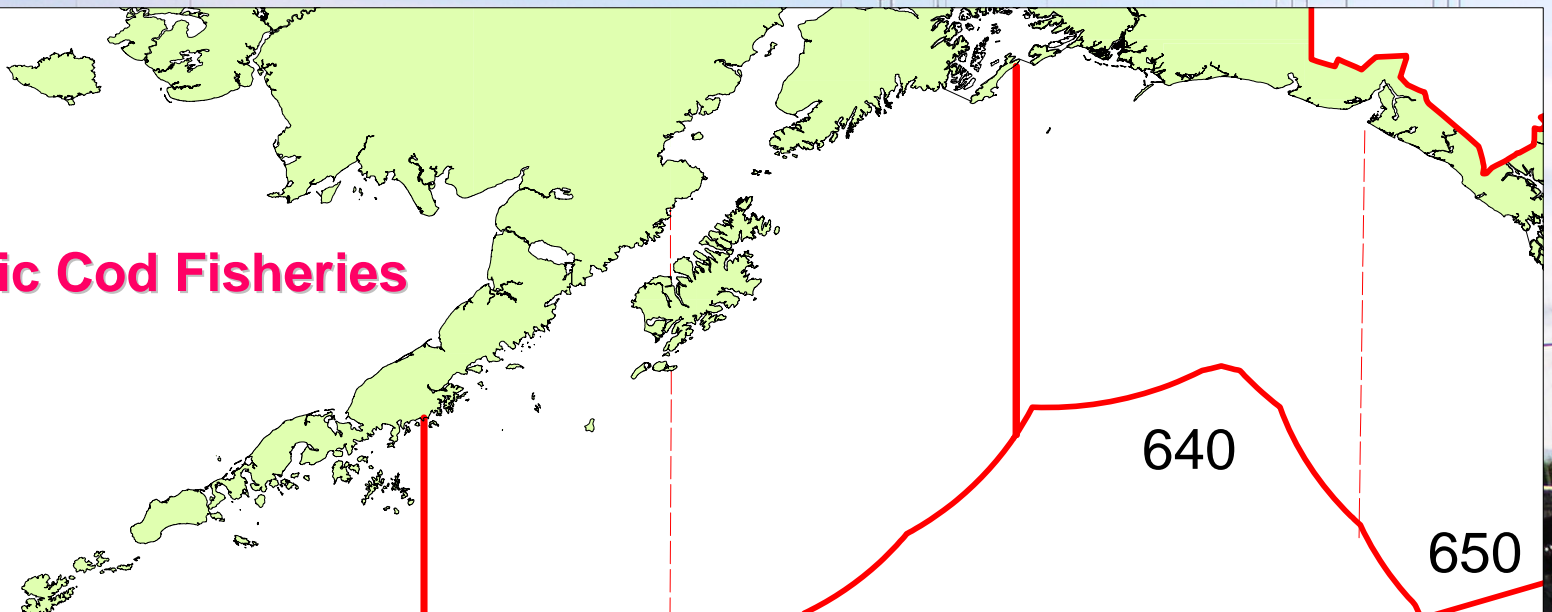
GHL - Quota:

No GHL; can be set based upon requested species (no trip bycatch total may exceed 20%)

Skates: Fishery, Management and Surveys

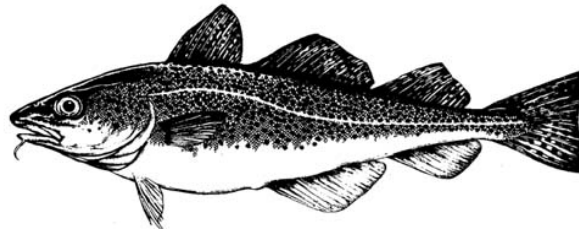


Pacific Cod Fisheries

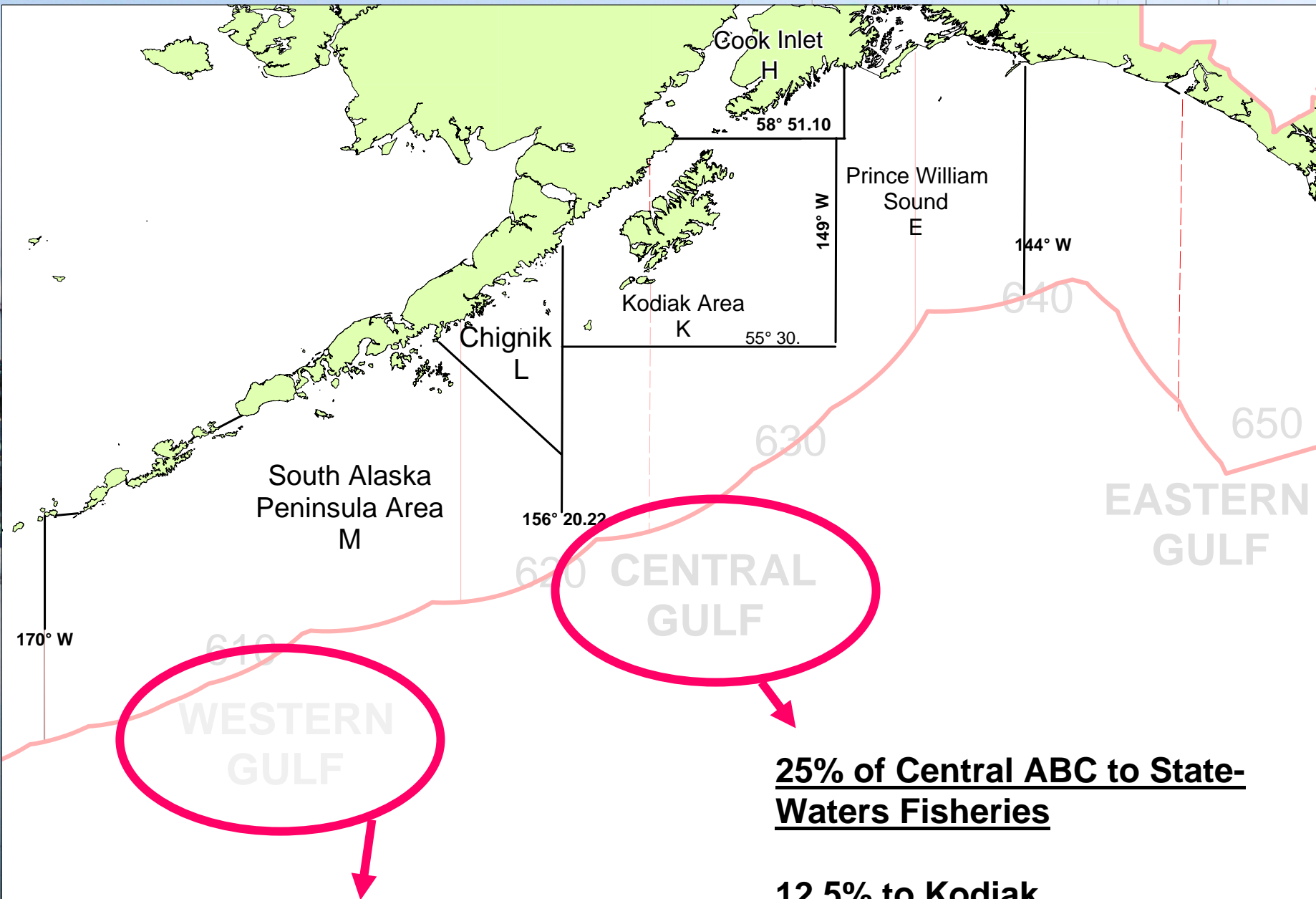


State-waters GHLS based on quotas established by NMFS (derived from NMFS survey + model)

Open Access



Open to jig and pot gear (Kodiak, Chignik, SAP)

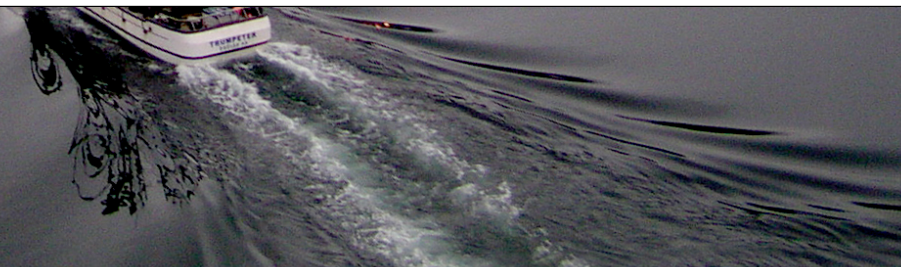
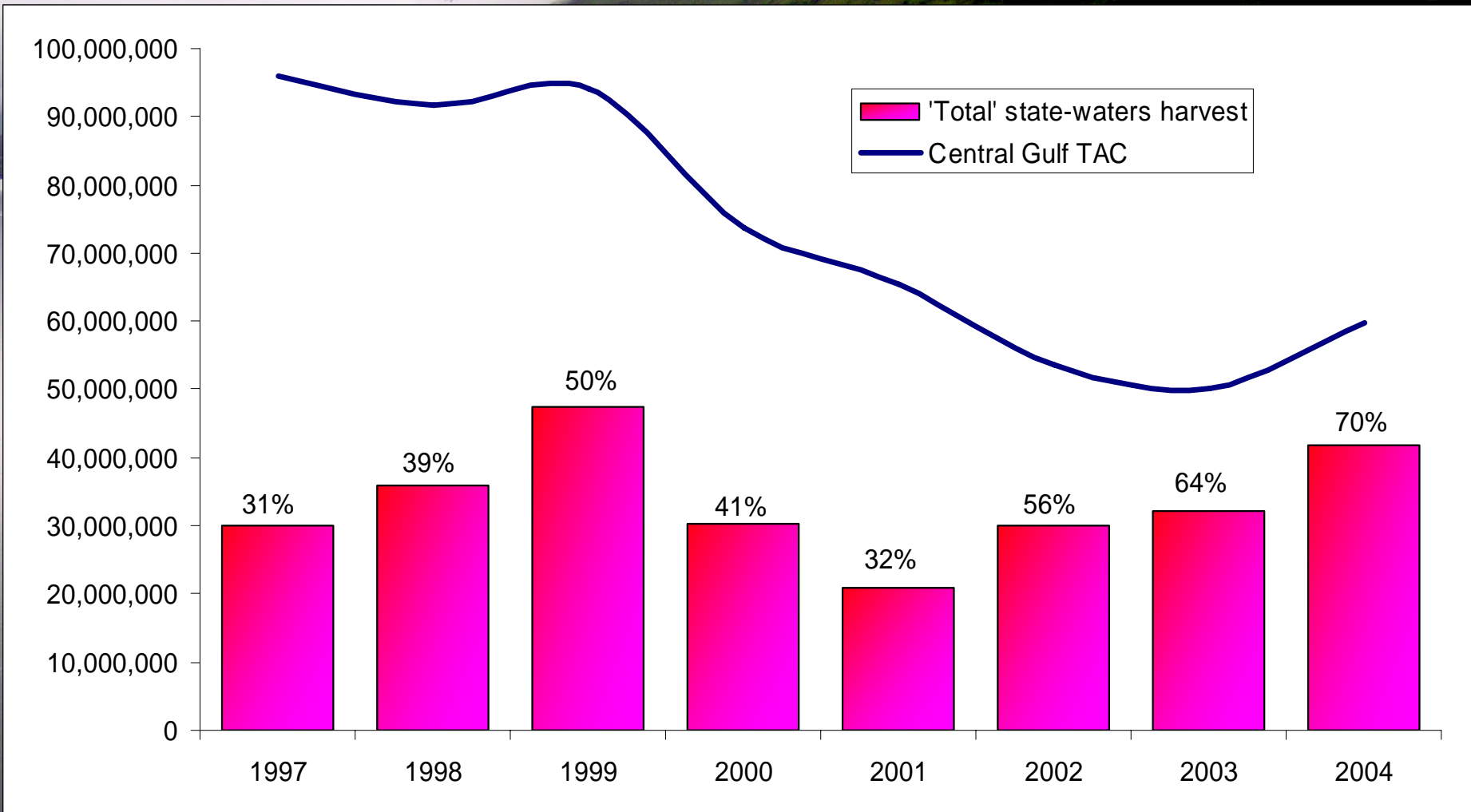


25% to South Alaska Peninsula

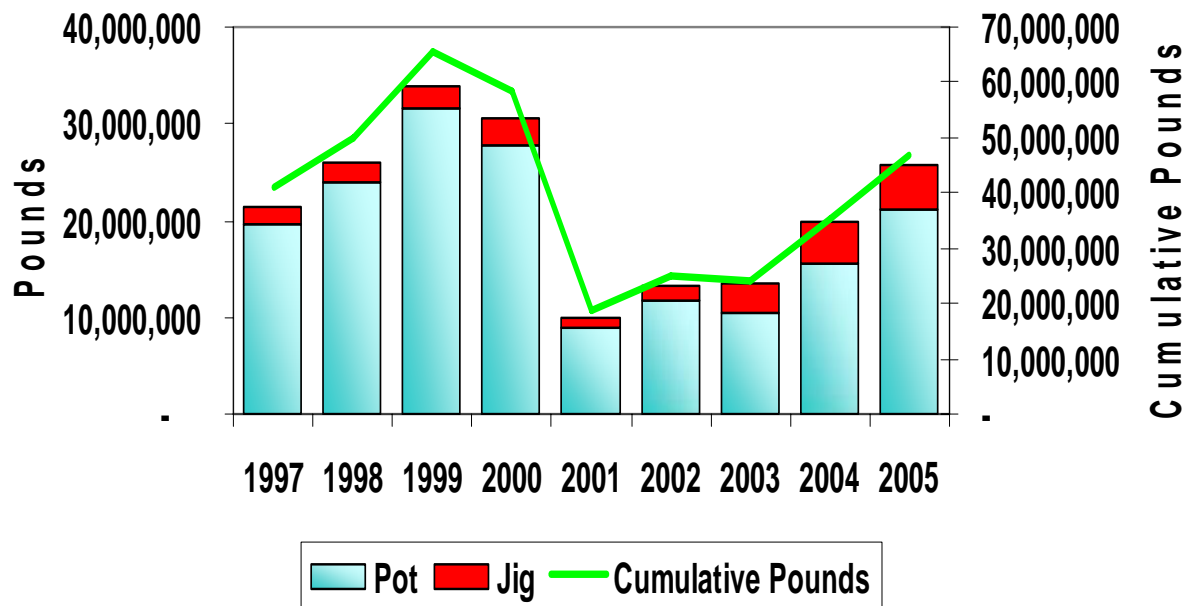
25% of Central ABC to State-Waters Fisheries

**12.5% to Kodiak
8.75% to Chignik
3.75% to Cook Inlet**

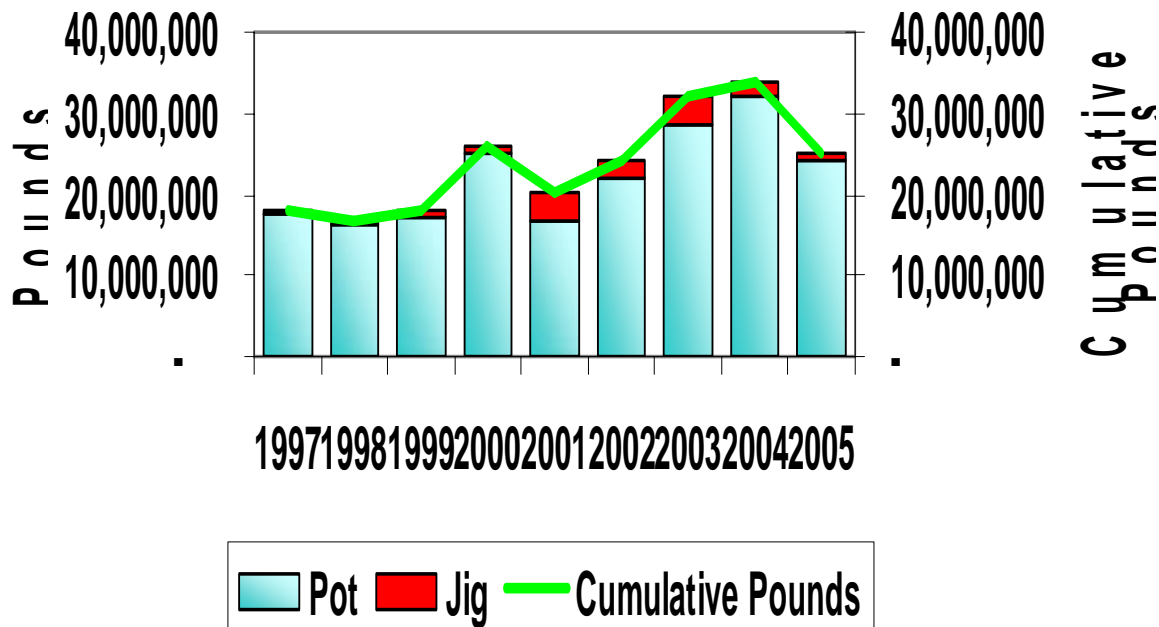
Central Gulf State-waters seasons + Parallel harvest inside 3 miles



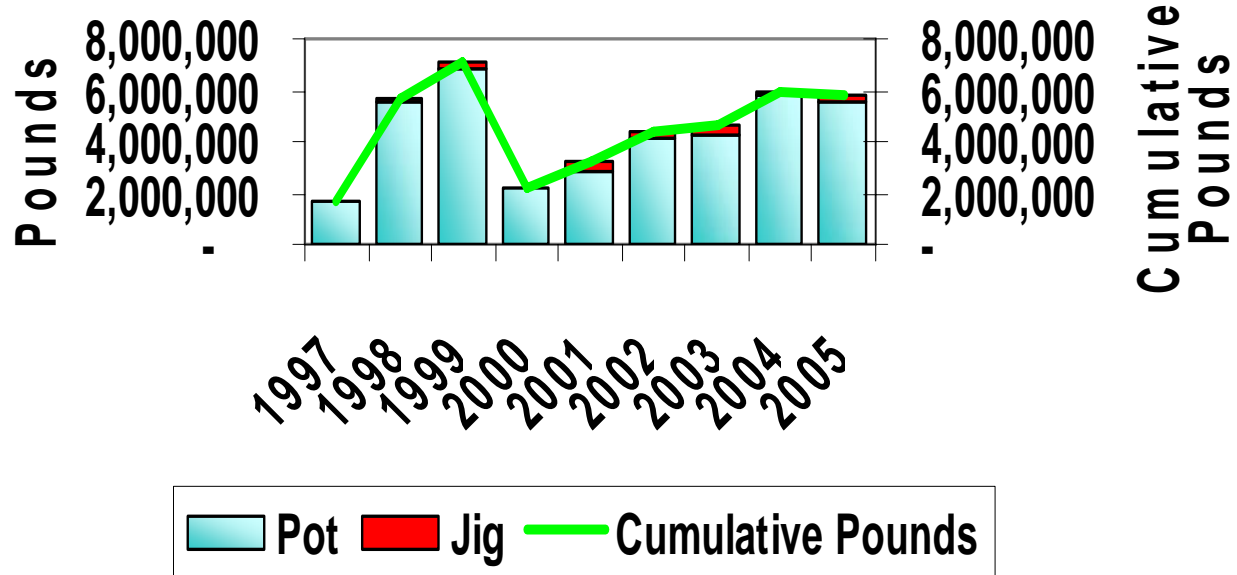
Kodiak State Managed Pcod Harvests



S. AK Peninsula State Managed Pcod Harvests

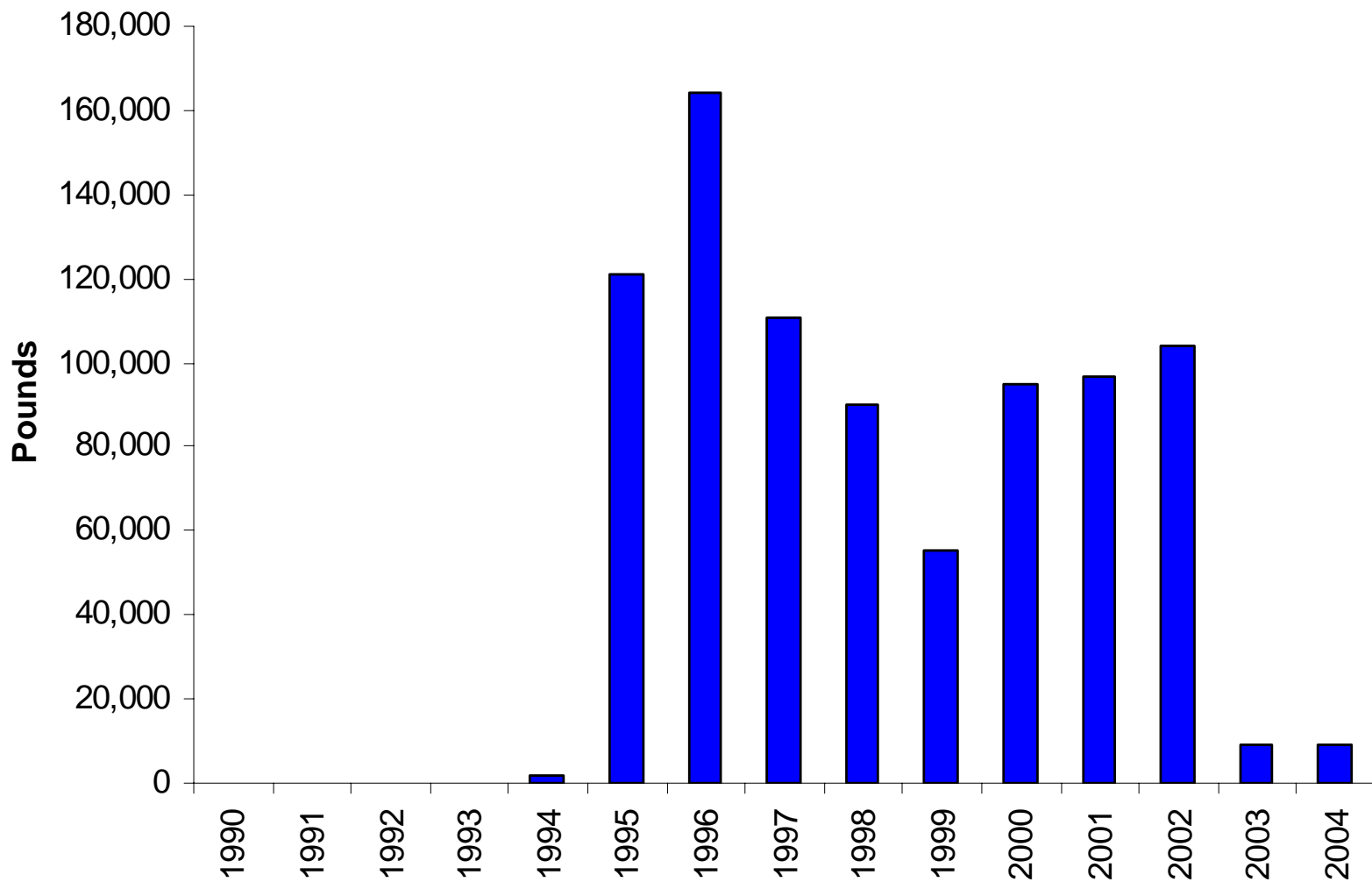


Chignik State Managed Pcod Harvests

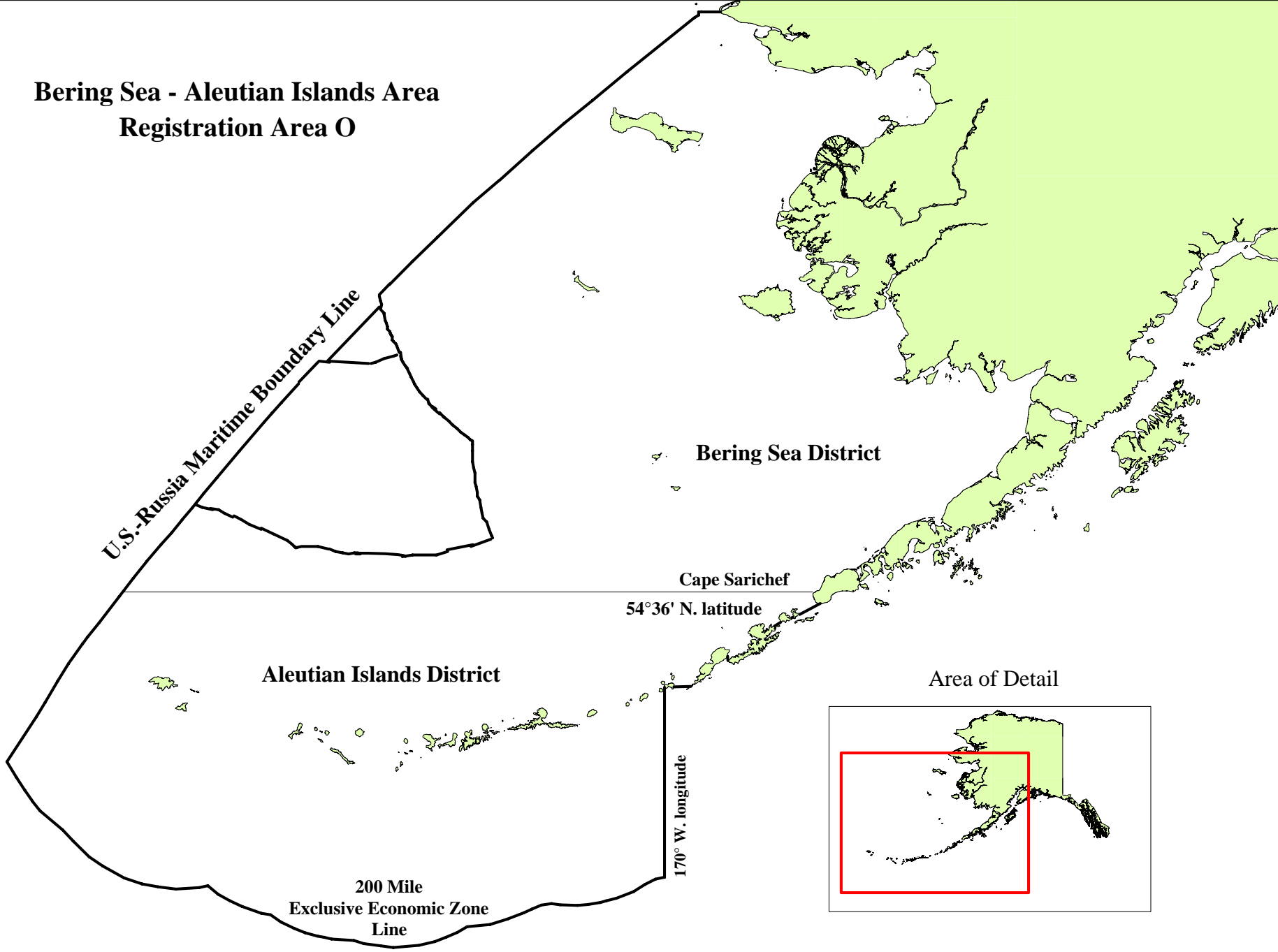


Black Rockfish

SOUTH ALASKA PENINSULA



**Bering Sea - Aleutian Islands Area
Registration Area O**



U.S.-Russia Maritime Boundary Line

Bering Sea District

Cape Sarichef

54°36' N. latitude

Aleutian Islands District

Area of Detail

**200 Mile
Exclusive Economic Zone
Line**

170° W. longitude

Bering Sea - Aleutian Islands Management Area



Black Rockfish *Sebastes melanops* – Jan 1 thru Dec 31

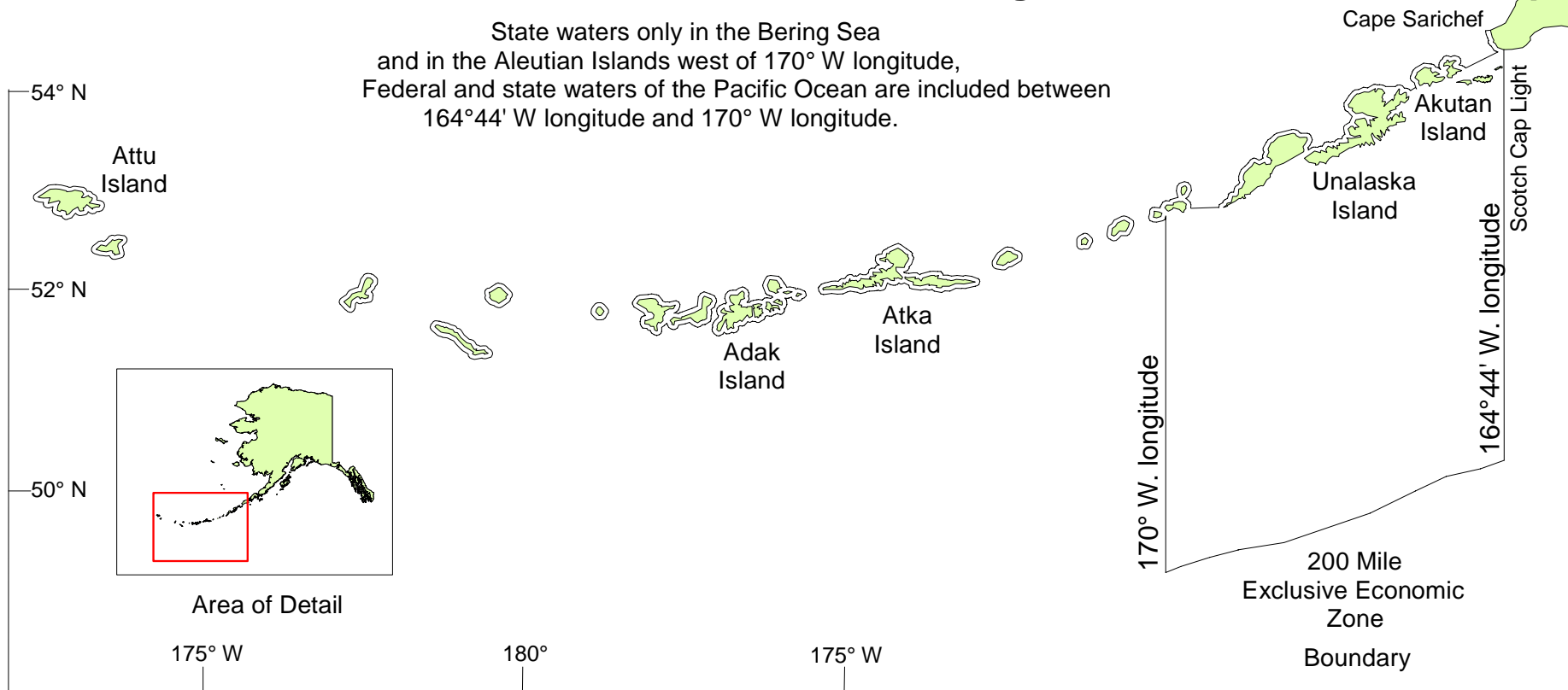
Sablefish *Anoplopoma fimbria* - May 15 to Nov 15

Pacific Cod *Gadus macrocephalus* – Mar 15 thru Dec 31

BERING SEA

Aleutian Islands Black Rockfish Management Area

State waters only in the Bering Sea
and in the Aleutian Islands west of 170° W longitude,
Federal and state waters of the Pacific Ocean are included between
164°44' W longitude and 170° W longitude.



PACIFIC OCEAN

ADF&G

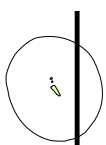
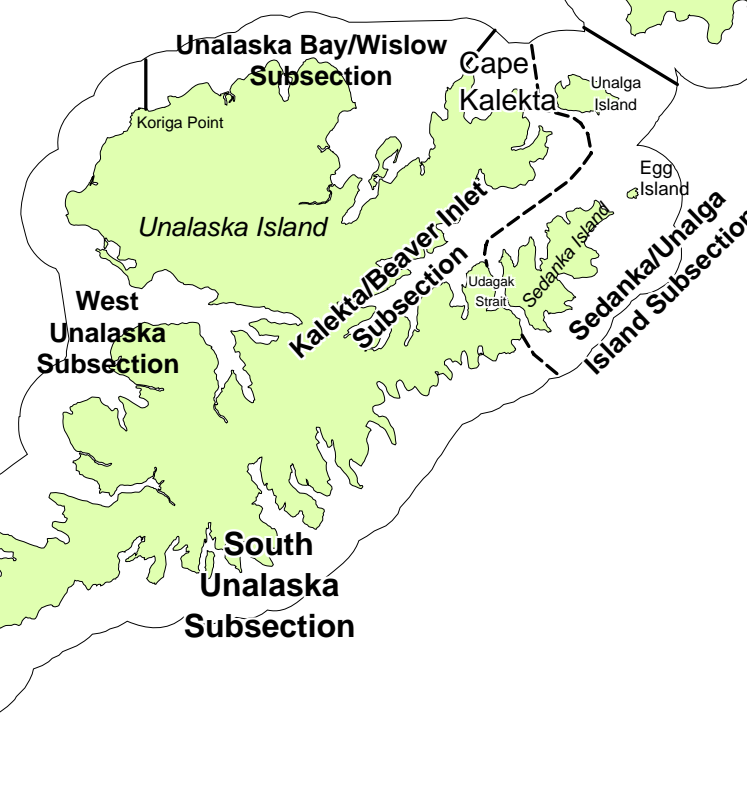
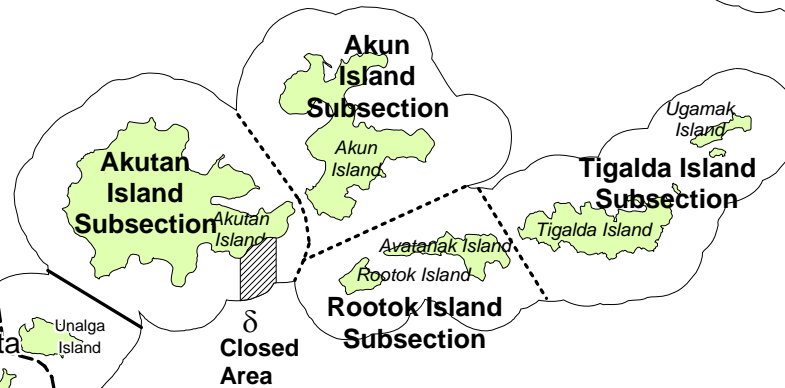
ALEUTIAN ISLANDS BLACK ROCKFISH CATCHES

AKUTAN SECTION – confidential

UNALASKA SECTION – confidential

WESTERN SECTION – 0

AKUTAN SECTION



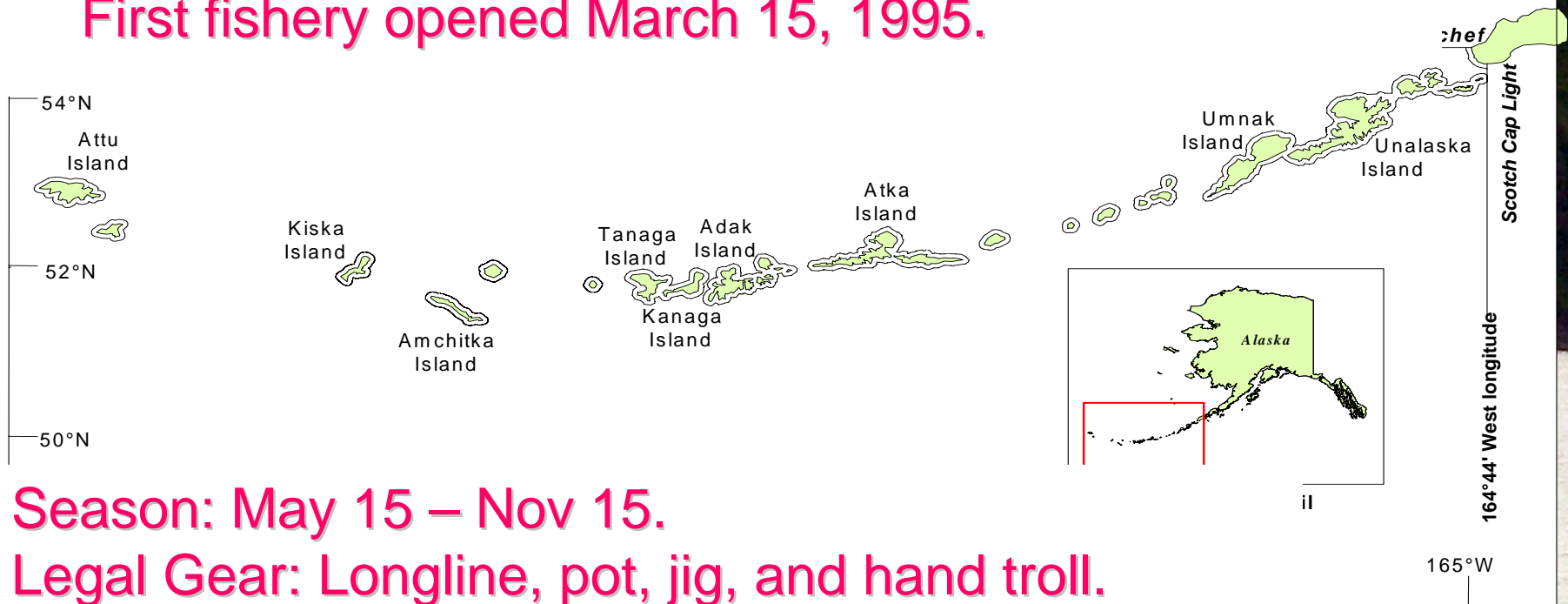
Aleutian Islands Sablefish Fishery Registration Area

Historic Background

1995 ~ NMFS implements IFQ system for sablefish

State-waters fishery established in waters of Alaska where historic harvest allowed for fishery.

First fishery opened March 15, 1995.

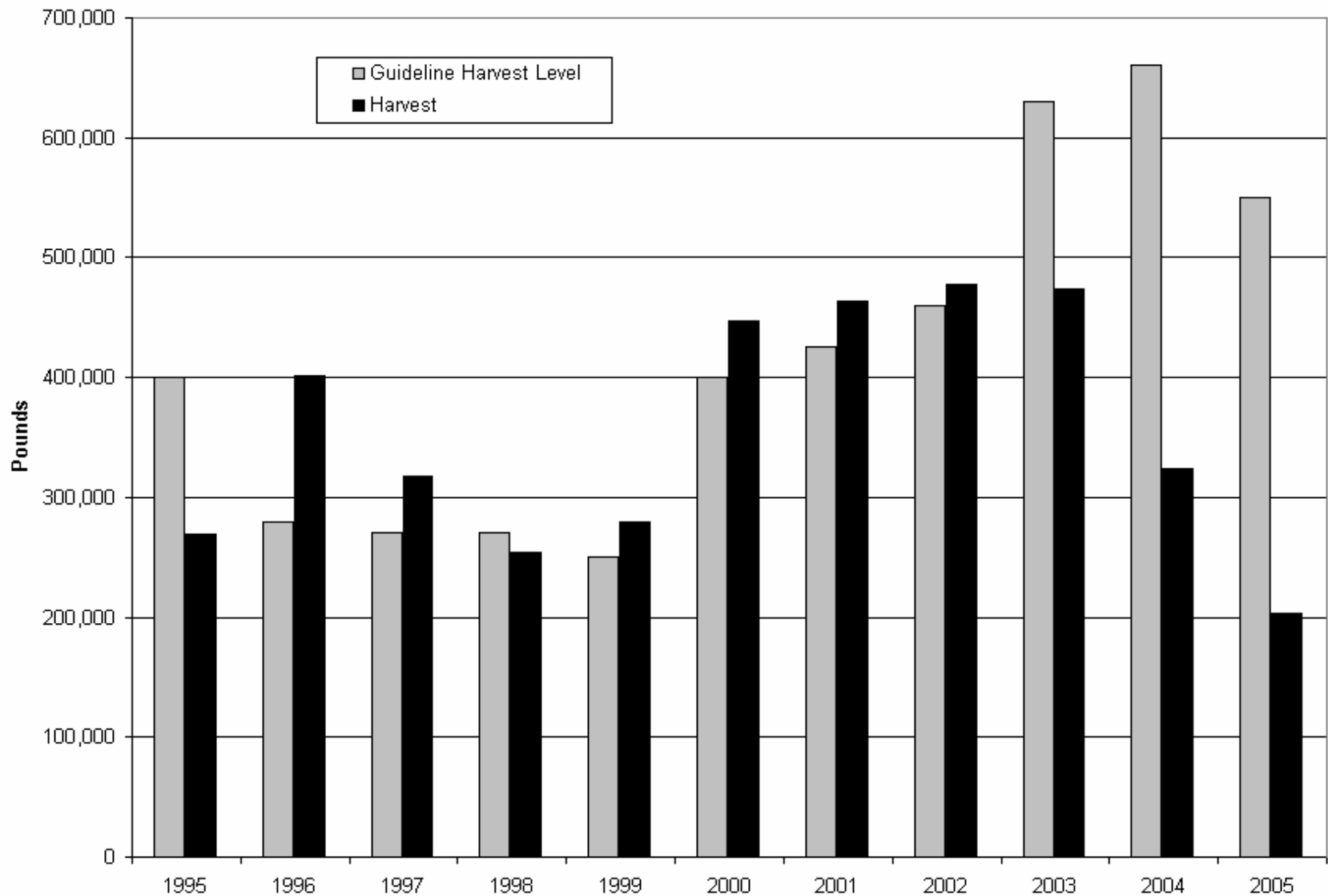


Season: May 15 – Nov 15.

Legal Gear: Longline, pot, jig, and hand troll.

Registration and logbook requirement.

Aleutian Islands Sablefish GHL vs Harvest



State-Waters AI Pacific Cod

**Non exclusive fishery for Pacific cod
Aleutian Islands District (west of 170°W long)**

Participation requirements:

- **Area-specific registration**
- **Daily catch reporting by catcher vessels and processors**

Restrictions:

- **Stellar sea lion closures and no-transit areas remained in effect**
- **Adak Vessel Length and Gear Restriction Zone remained in effect**
- **Coral Garden area closures.**

Pacific Cod

Guideline Harvest Level 12,830,772 pounds

Seasonal apportionment 70/30 split before and after June 10

Allowable gear types: Jig, Pot, Trawl, Longline



Pacific Cod

Fishery	Timing of fisheries in 2005											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Pacific Cod (Parallel CV >60' HAL)	█	█	█			**	█	**	█	█	█	█
Pacific Cod (Parallel CP >60' HAL)	█	█				**	█	**	█	█	█	█
Pacific Cod (Parallel CV >60' Pot)	█	█							█	█	█	█
Pacific Cod (Parallel CP >60' Pot)	█	█	█	█					█	█	█	
Pacific Cod (Parallel CV Trawl)		█	█	█	█	\$	█	█				
Pacific Cod (Parallel CP Trawl)		█	█	█	█	\$	█	█				
Pacific Cod (Parallel Jig)												
Pacific Cod (Parallel <60' HAL)	█	█	█	█		**	█	**	█	█	█	█
Pacific Cod (Parallel <60' Pot)												

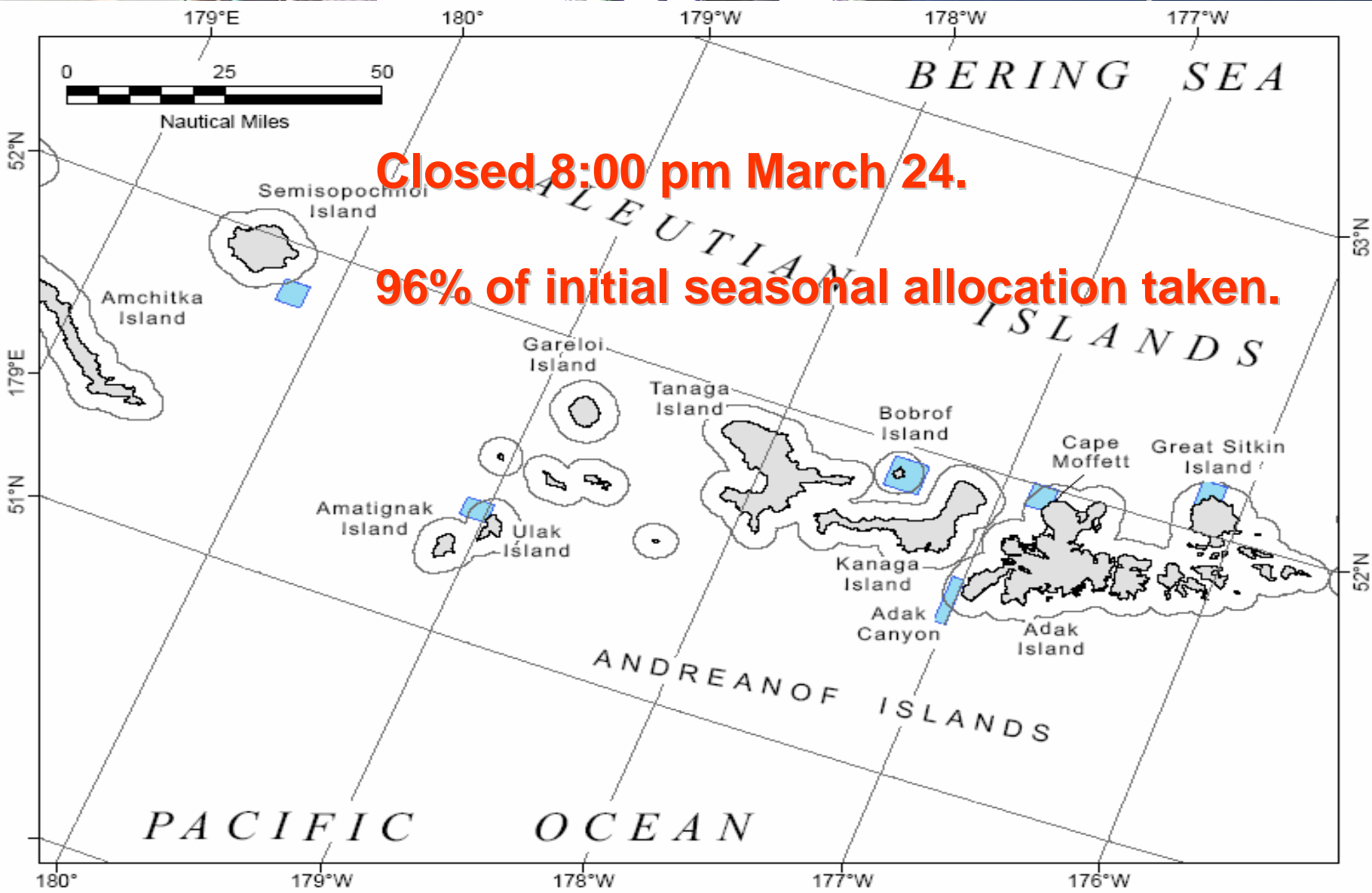
****While hook and line (HAL) gear sector opens June 10, there is no incidental harvest of Halibut available until August 15 and therefore, no fishing can occur.**

\$ Trawl "B" seasonal allocation wasn't attained so the "B" season didn't close but continued on to the "C" season.

Closed 8:00 pm March 24.

96% of initial seasonal allocation taken.

Initial seasonal allocation of 8,981,540 pounds round weight.



Questions?

