

**Amendment 21:
Allocation of Harvest Opportunity
Between Sectors of the Pacific
Coast Groundfish Fishery**

**Pacific Fishery Management Council
April 2009**

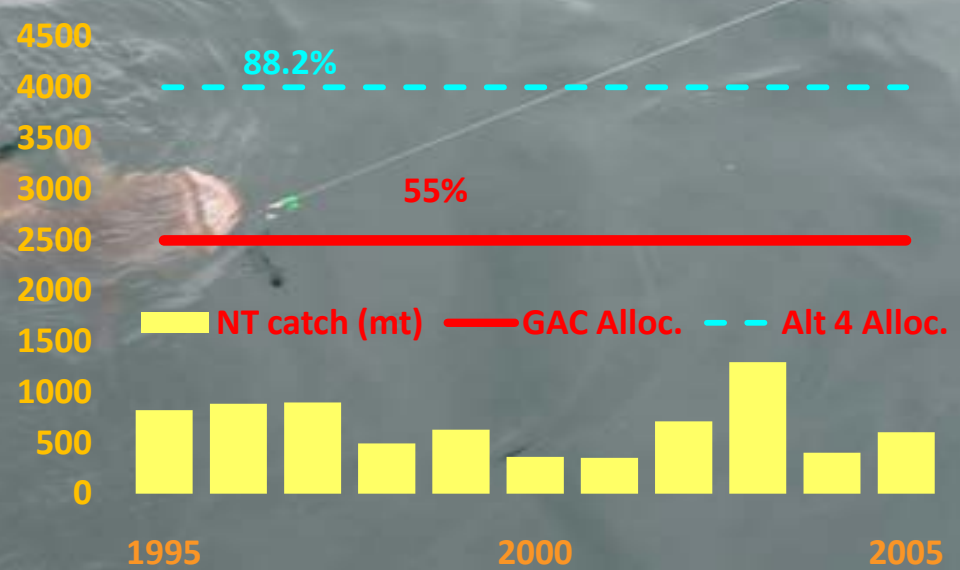
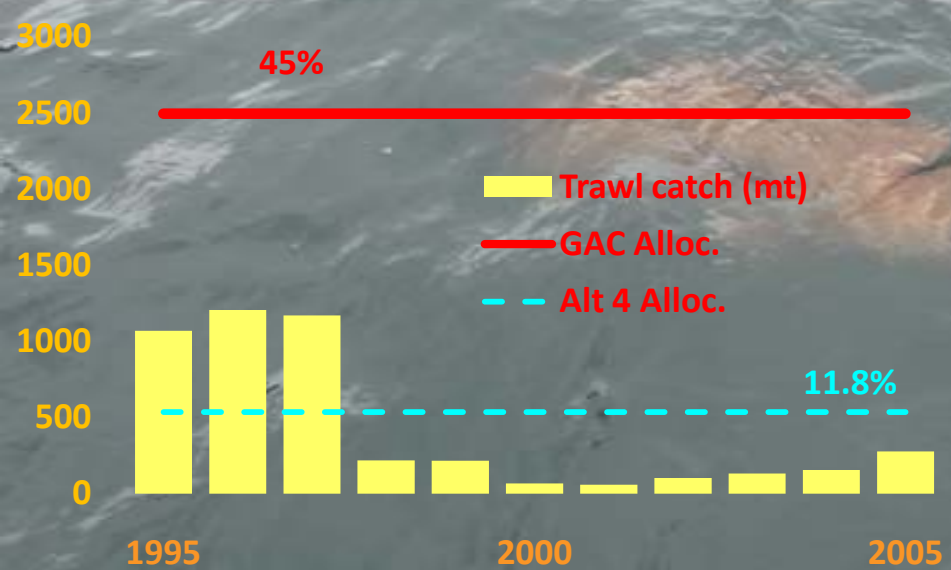
Decisions Under this Action

- **Trawl and Non-Trawl Allocations**
- **Within-Trawl Allocations**
 - **Widow, POP, and Darkblotched Allocations**
 - **At-Sea Whiting Sector Yield Set-Asides**
 - **Shoreside Trawl Sector Allocations**
- **Pacific Halibut Trawl Total Catch Limits**
- **Frameworking the Process for Future Allocation Decisions**

Lingcod

Trawl

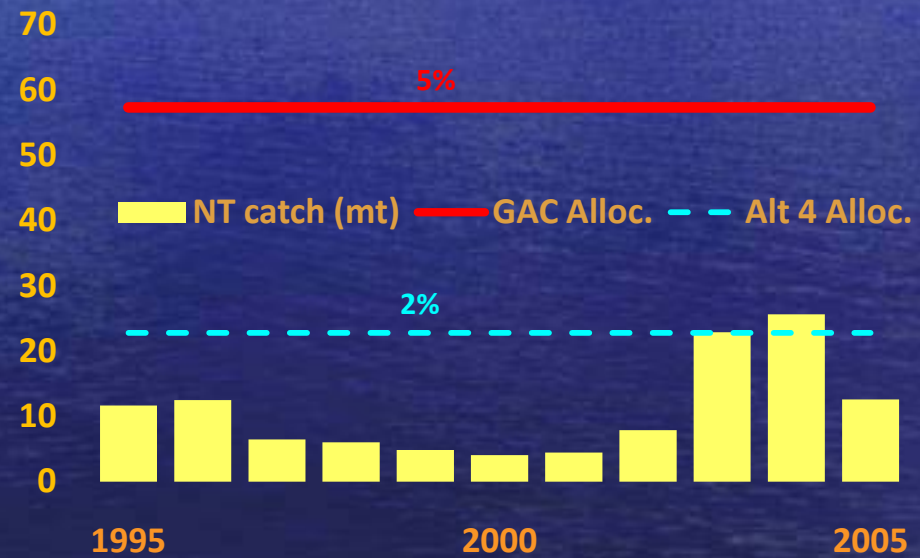
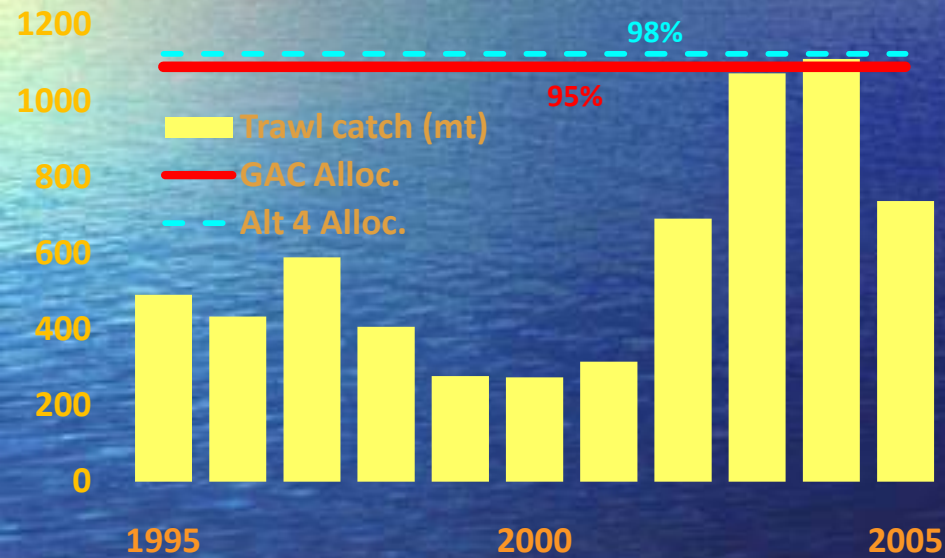
Non-Trawl



Pacific Cod

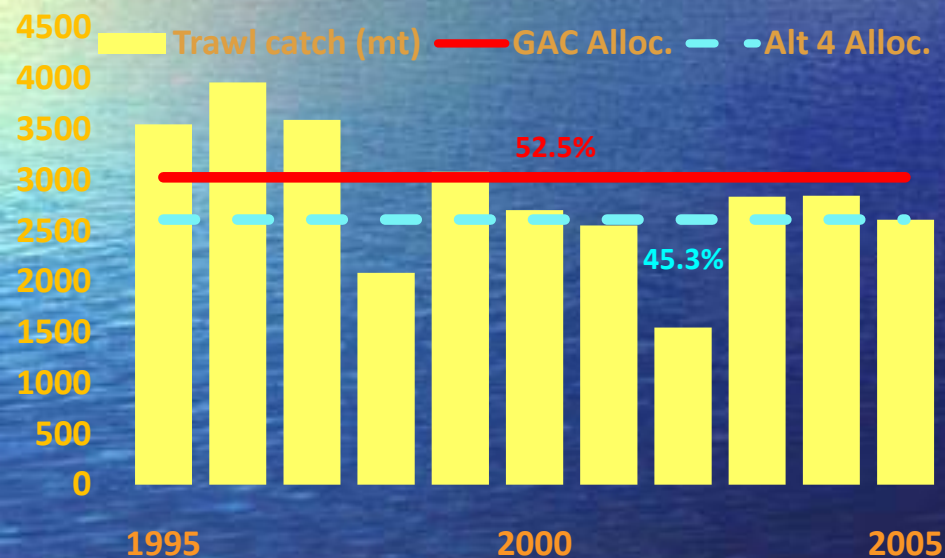
Trawl

Non-Trawl

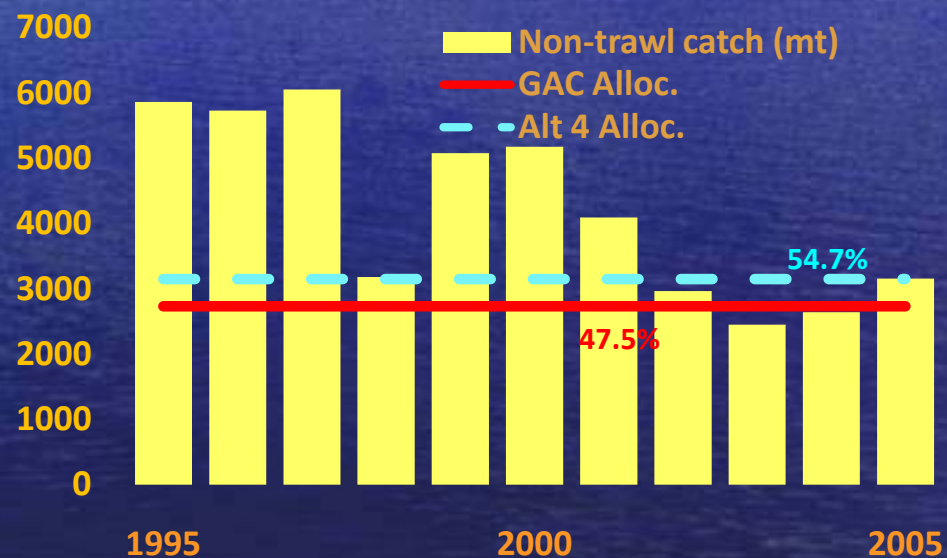


Sablefish N

Trawl

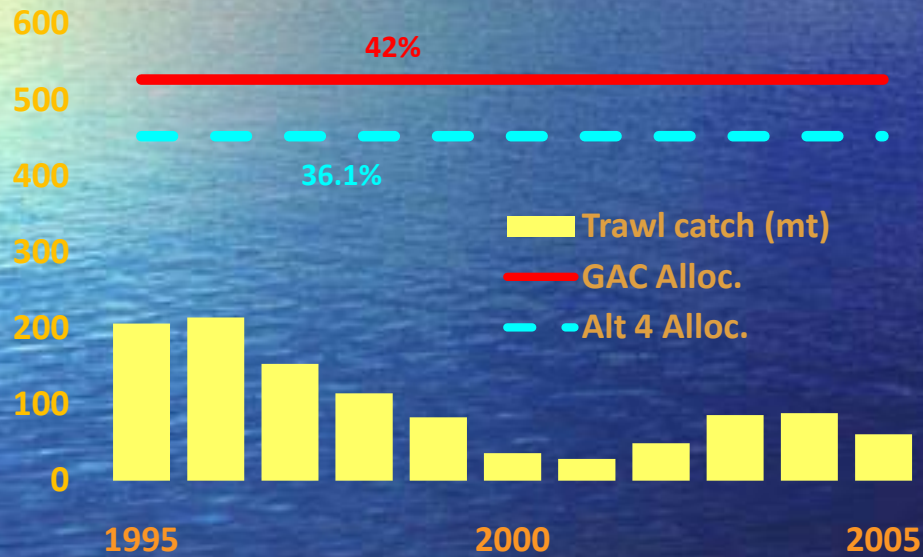


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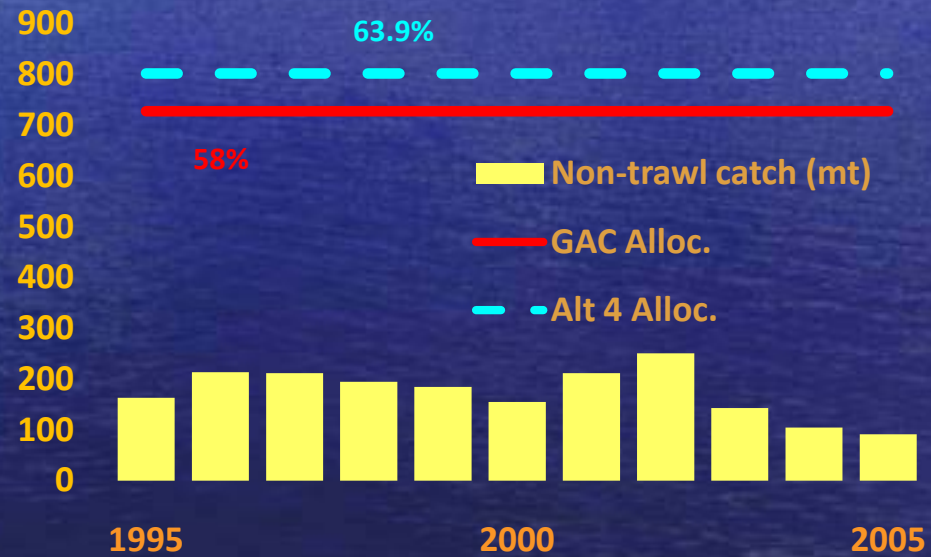


Sablefish S

Trawl



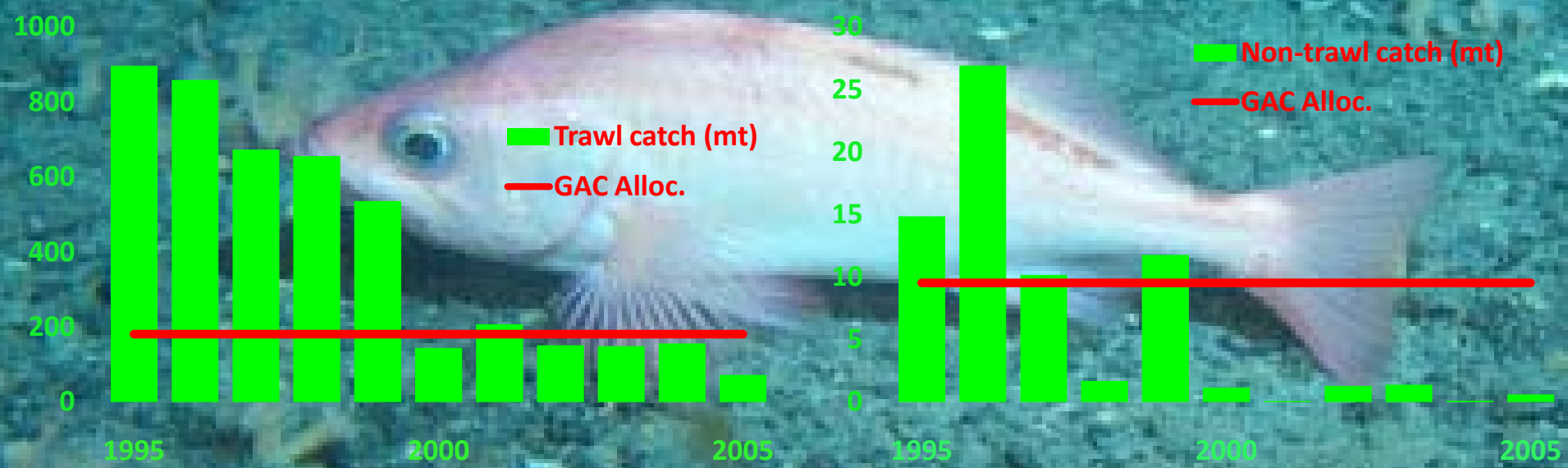
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POP

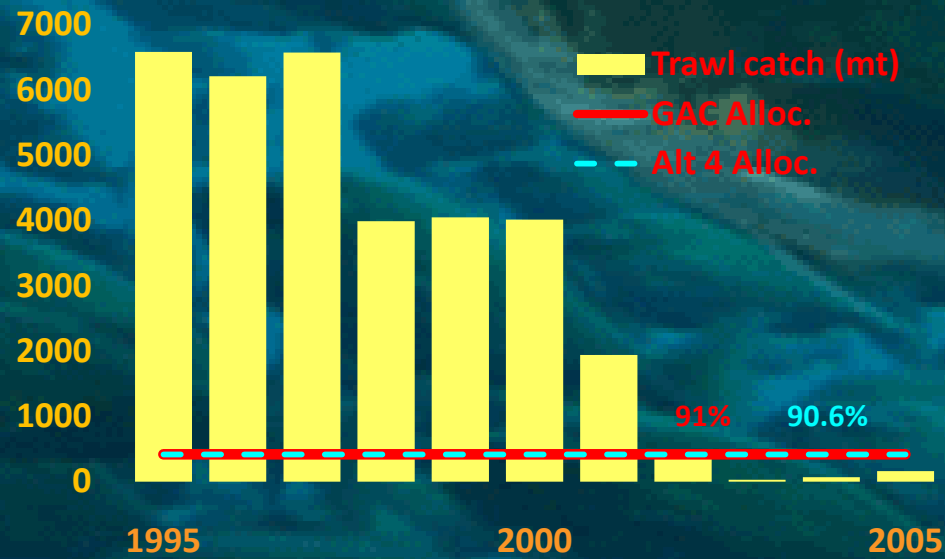
Trawl

Non-Trawl

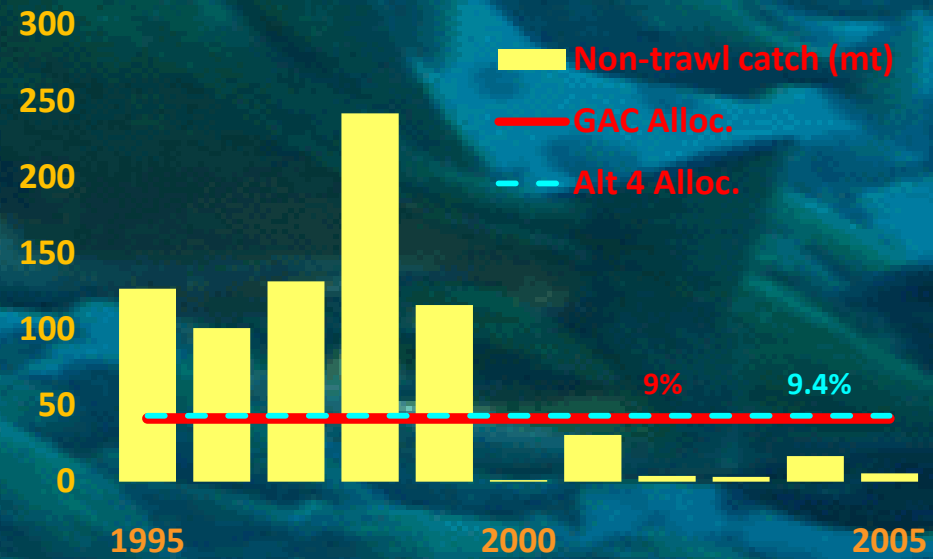


Widow

Trawl

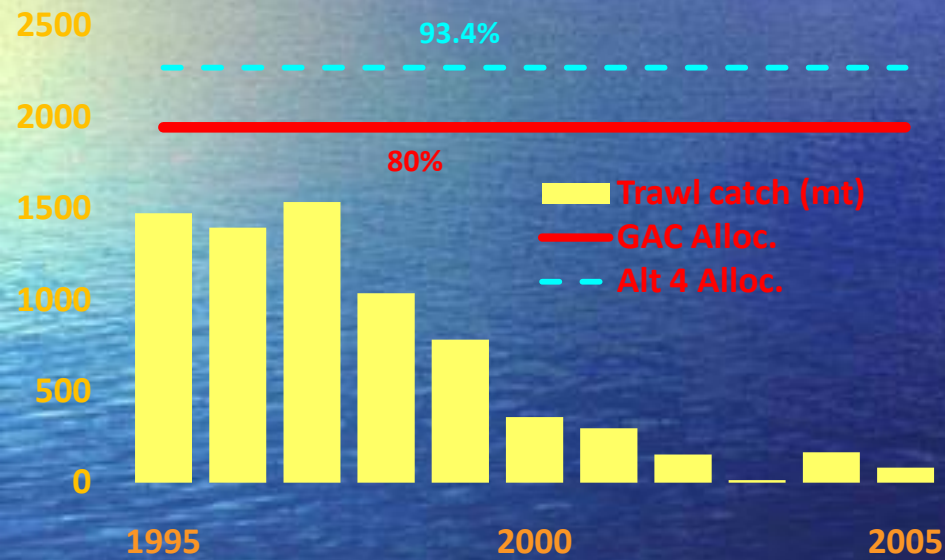


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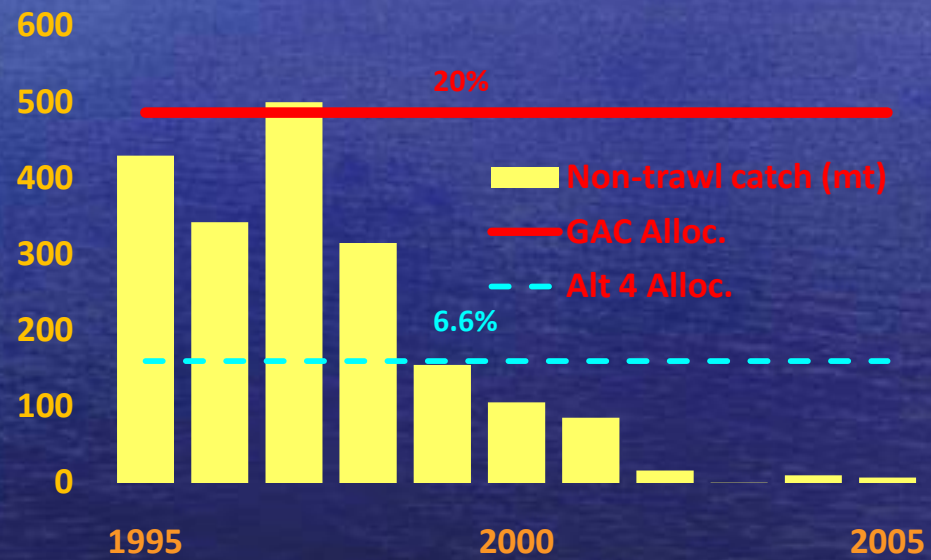


Chilipepper

Trawl

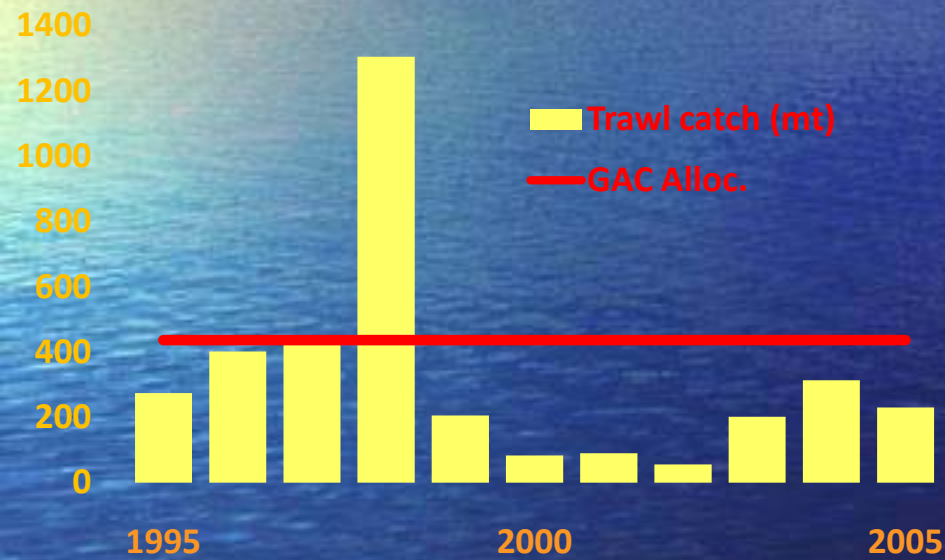


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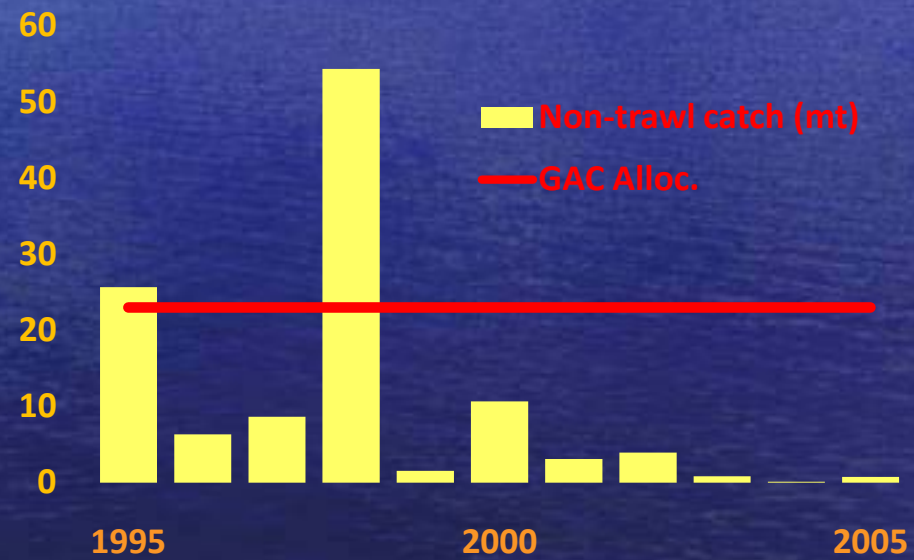


Splitnose

Trawl



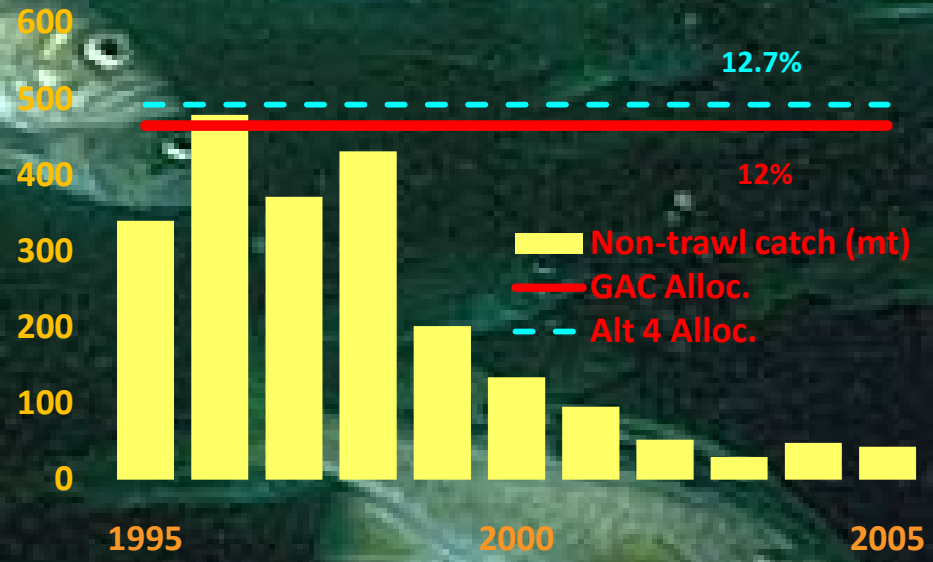
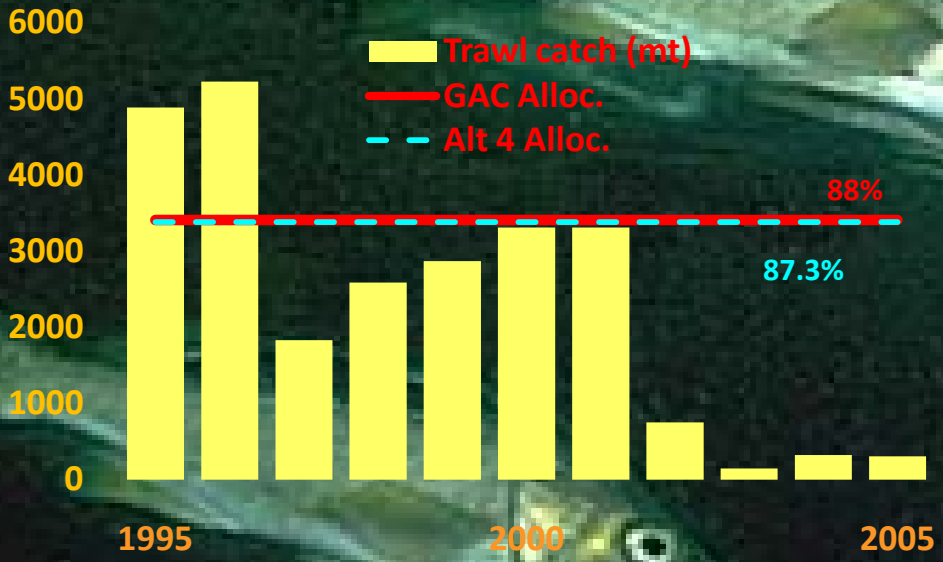
Non-Trawl



Yellowtail

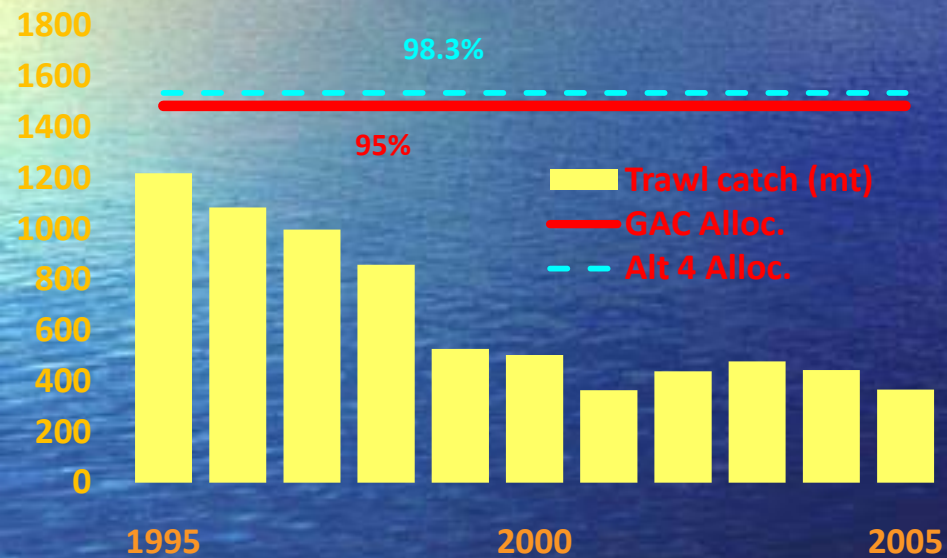
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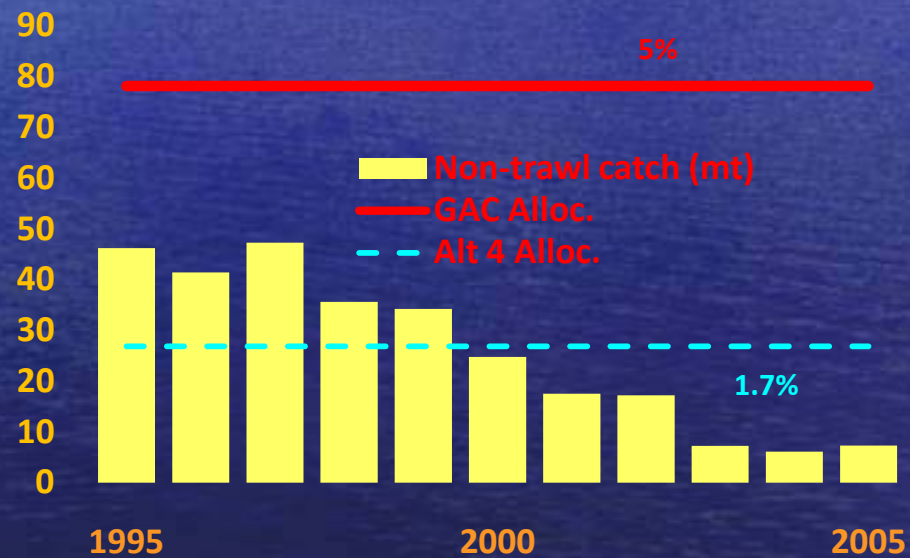


Shortspine N

Trawl

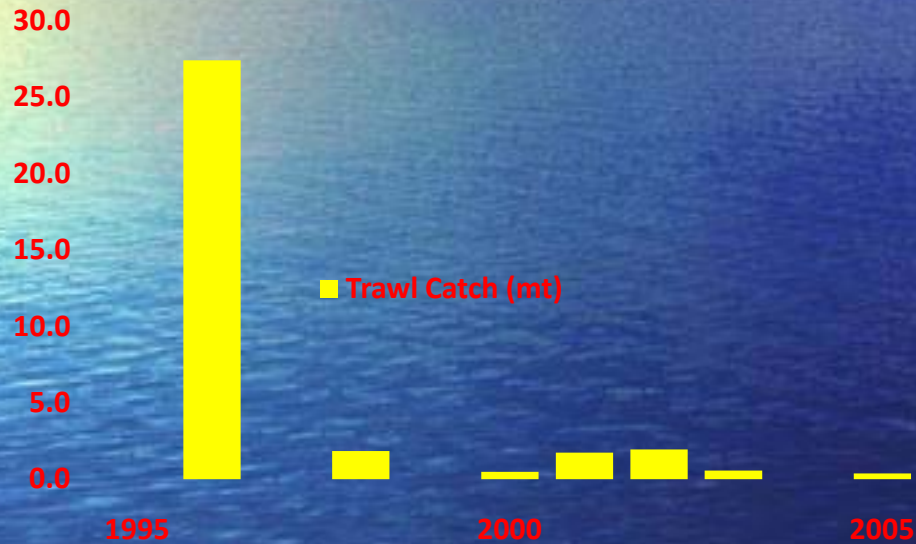


Non-Trawl

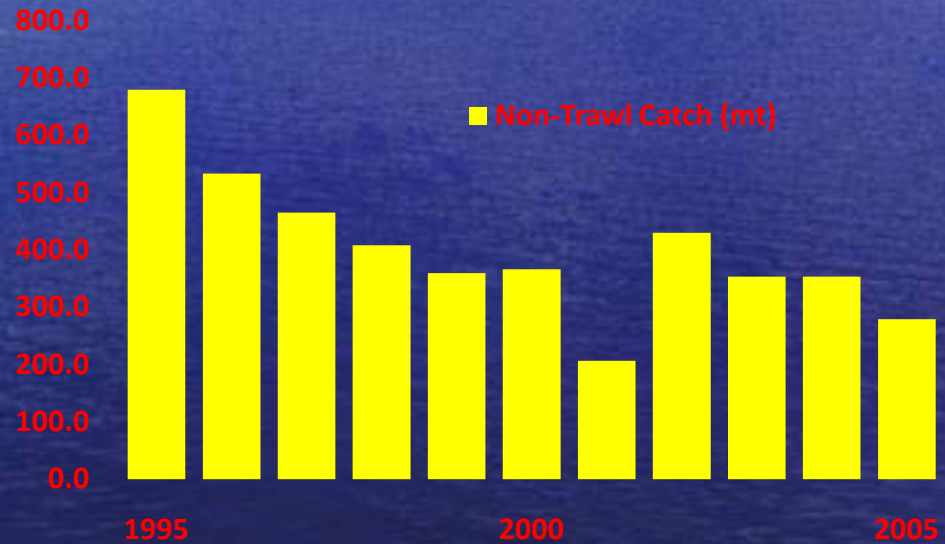


Revised Shortspine S

Trawl



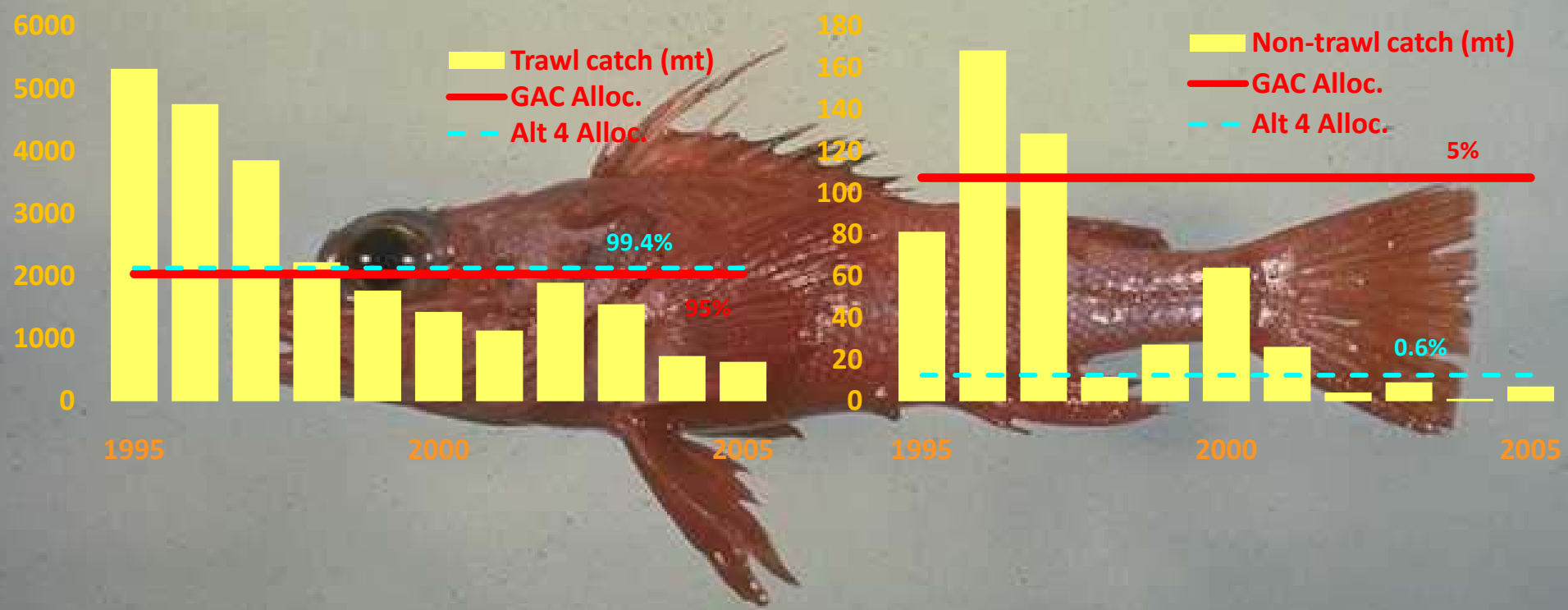
Non-Trawl



Longspine N

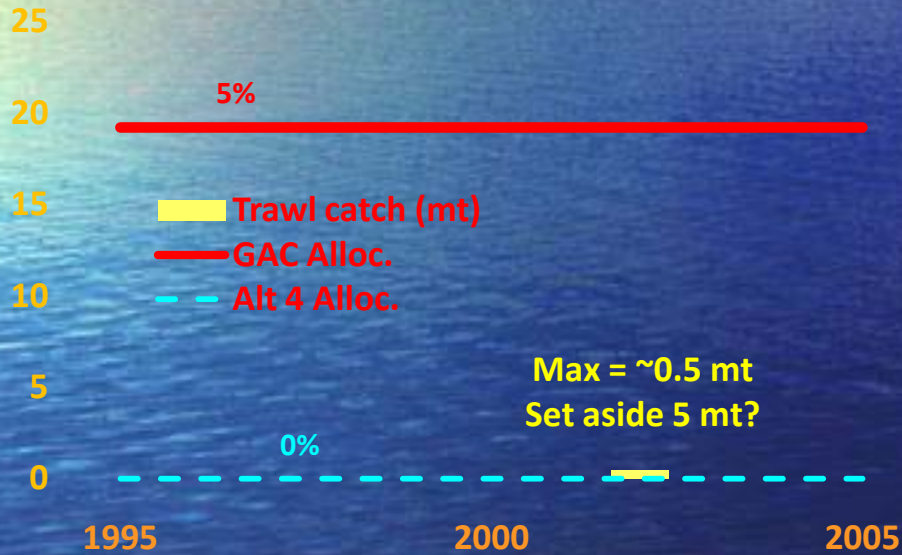
Trawl

Non-Trawl

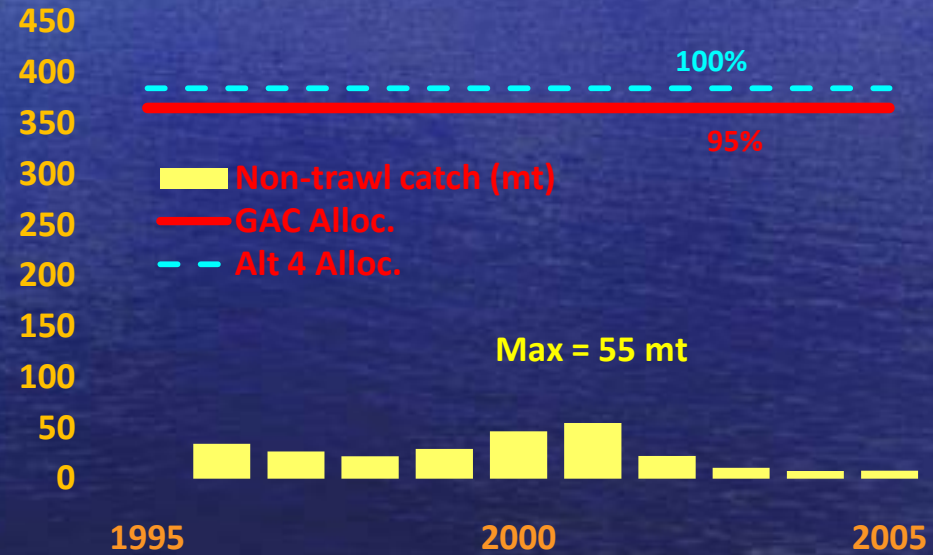


Longspine S

Trawl



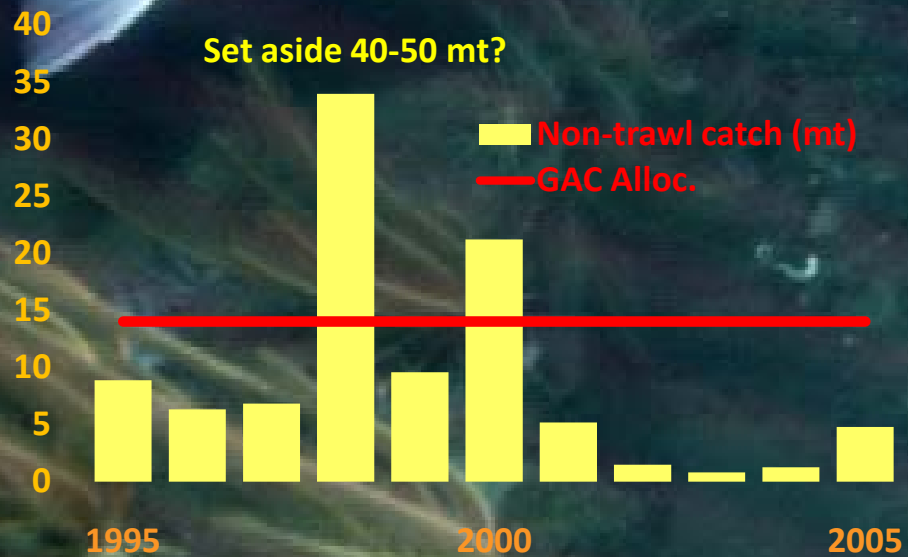
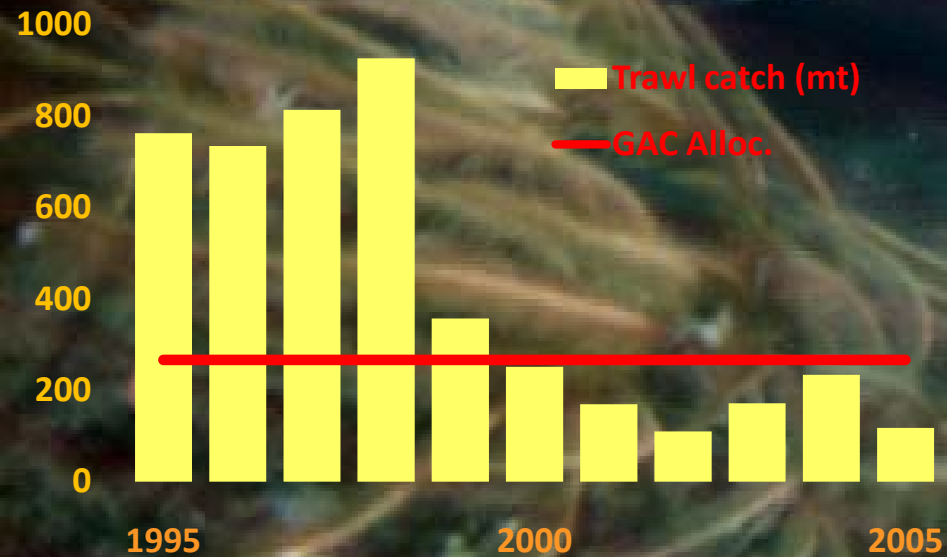
Non-Trawl



Darkblotched

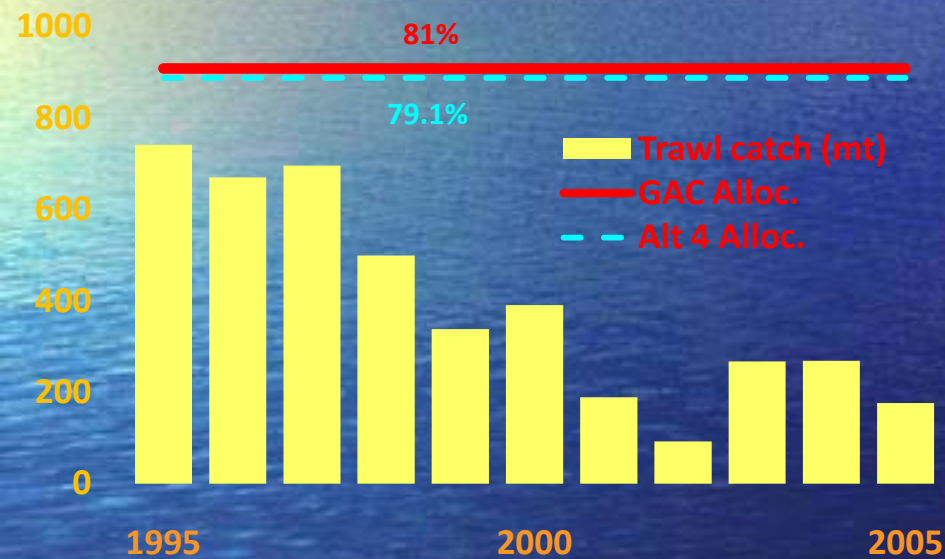
Trawl

Non-Trawl

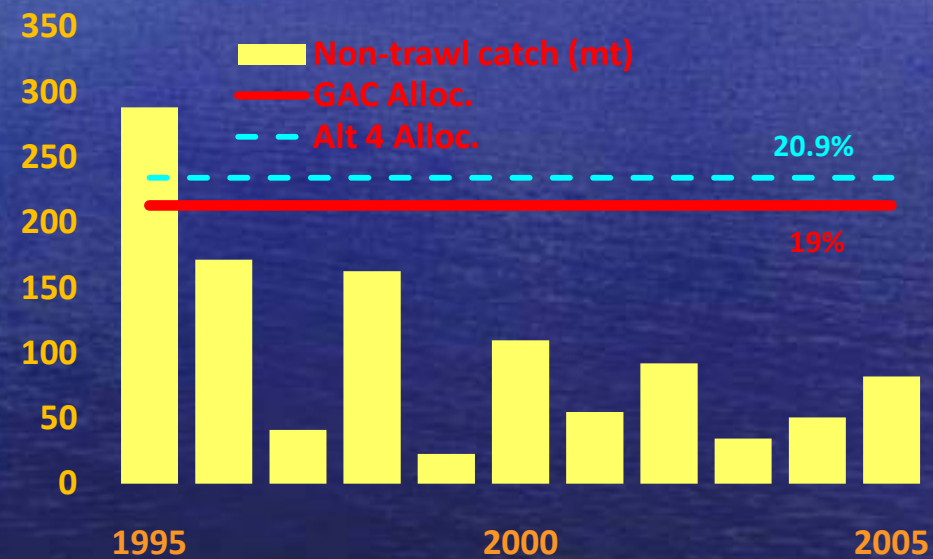


Minor Slope Rockfish N

Trawl

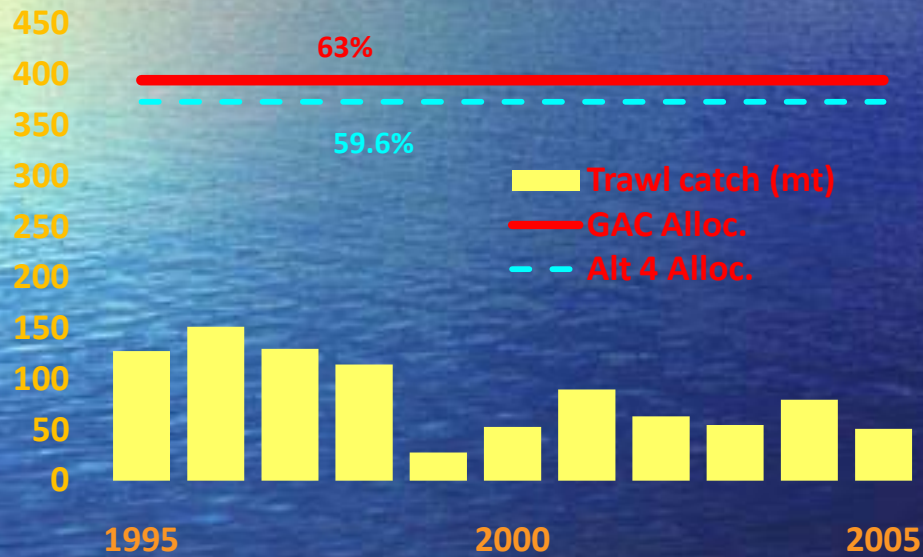


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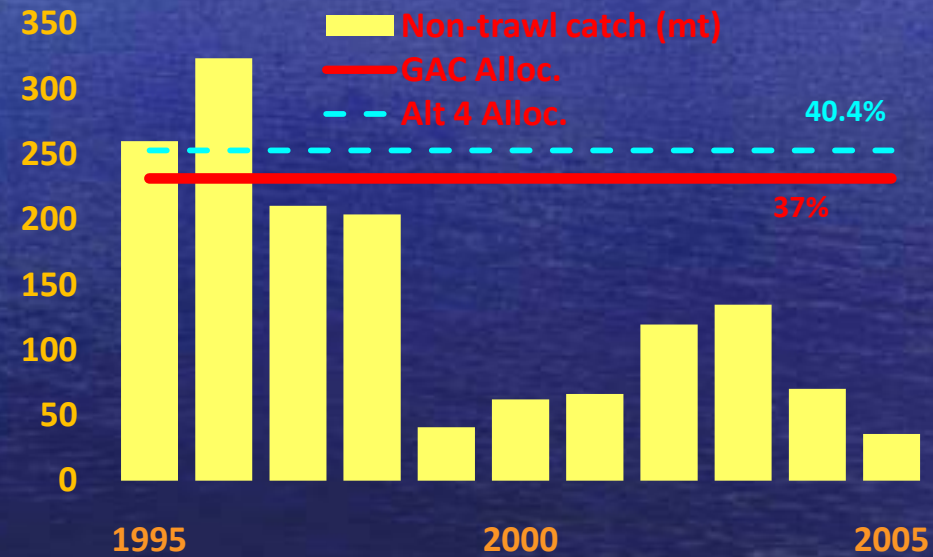


Minor Slope Rockfish S

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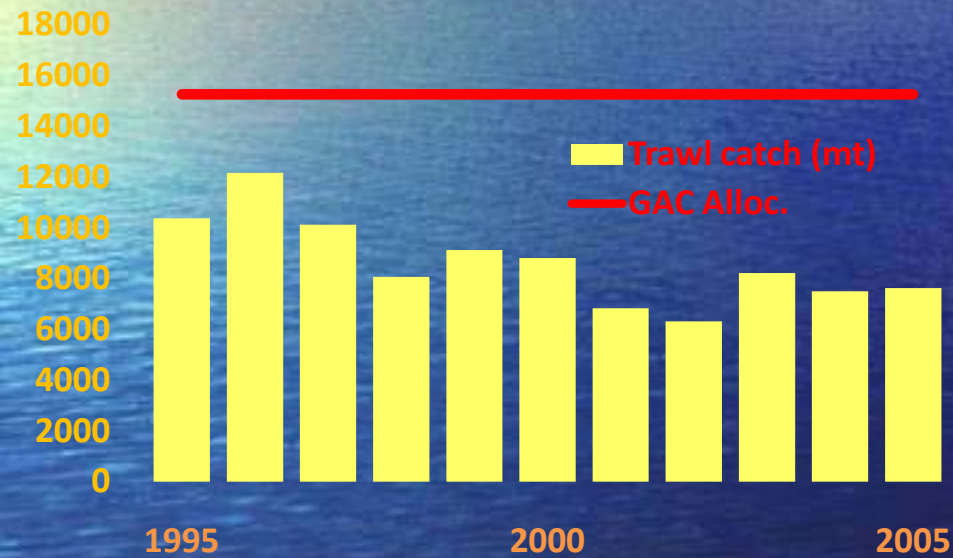


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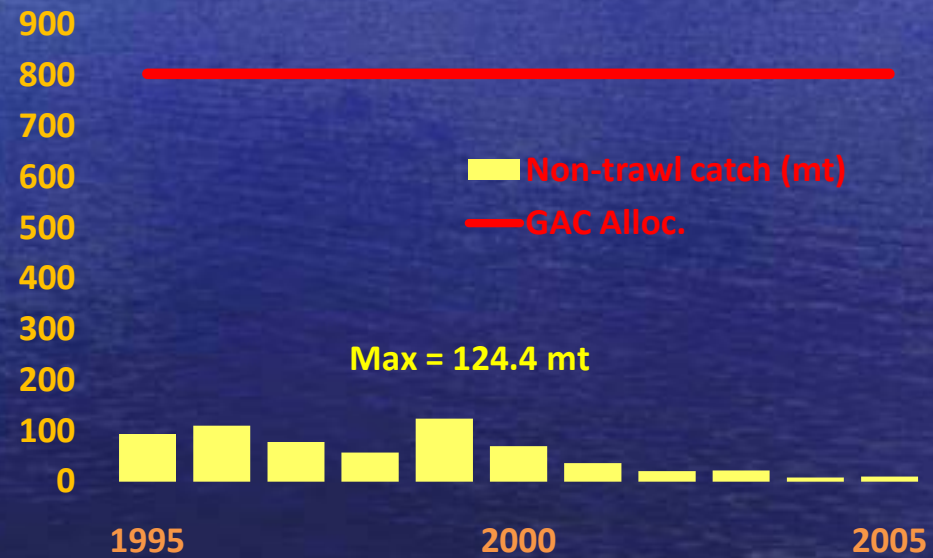


Dover sole

Trawl



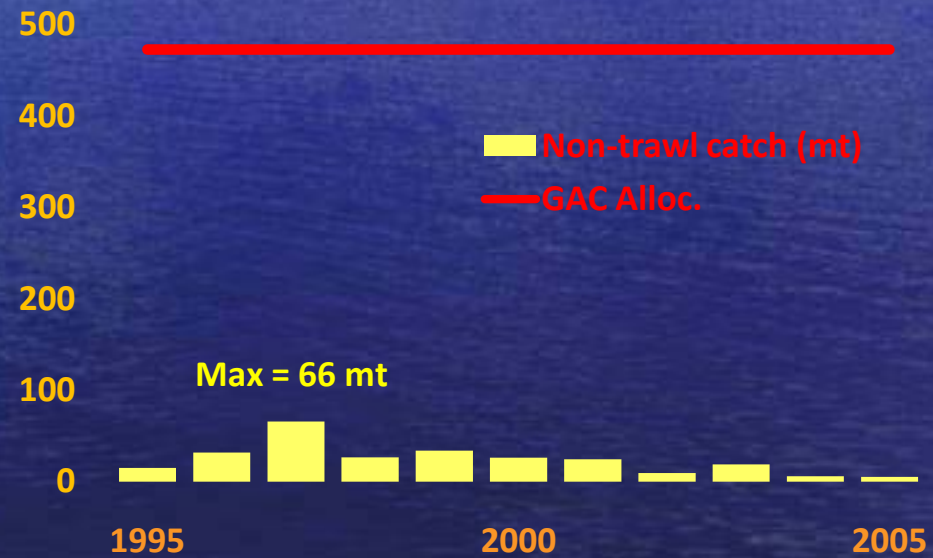
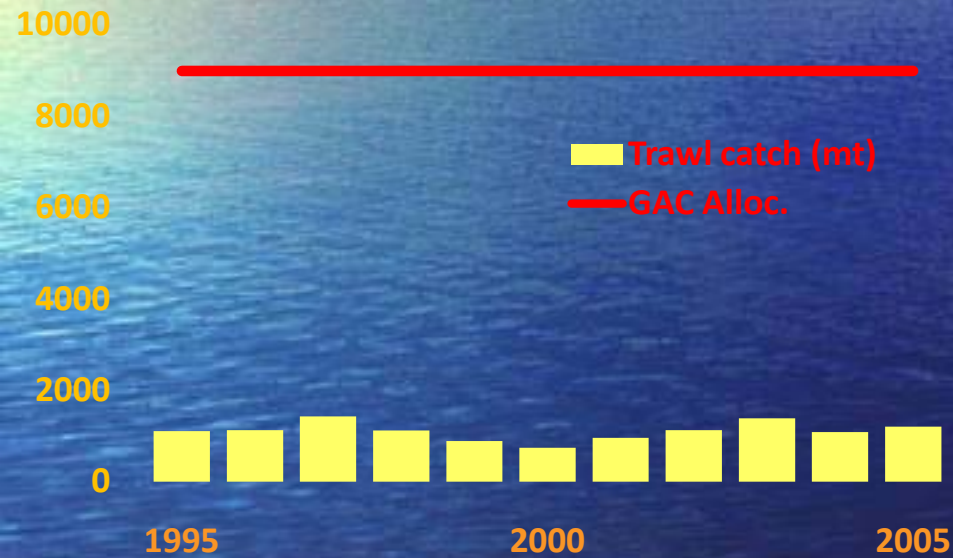
Non-Trawl



English sole

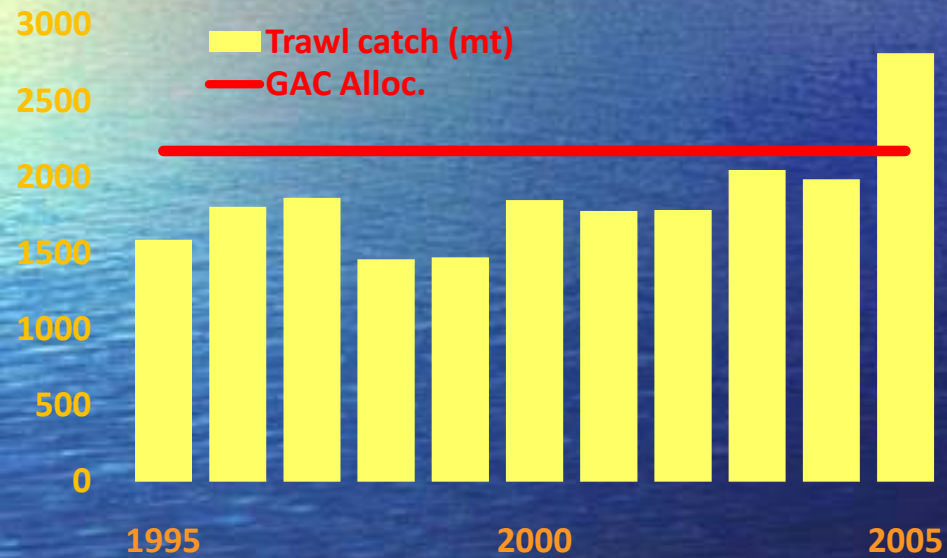
Trawl

Non-Trawl

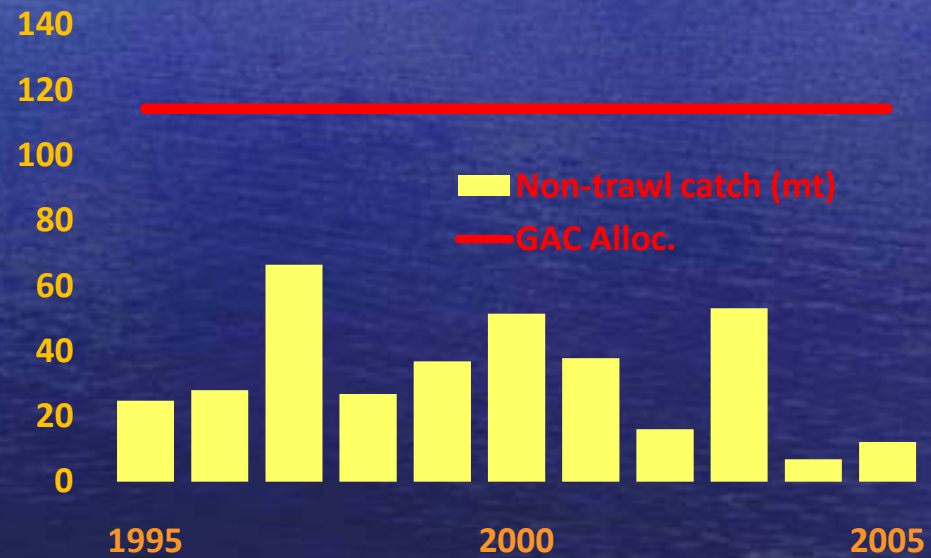


Petrале sole

Trawl



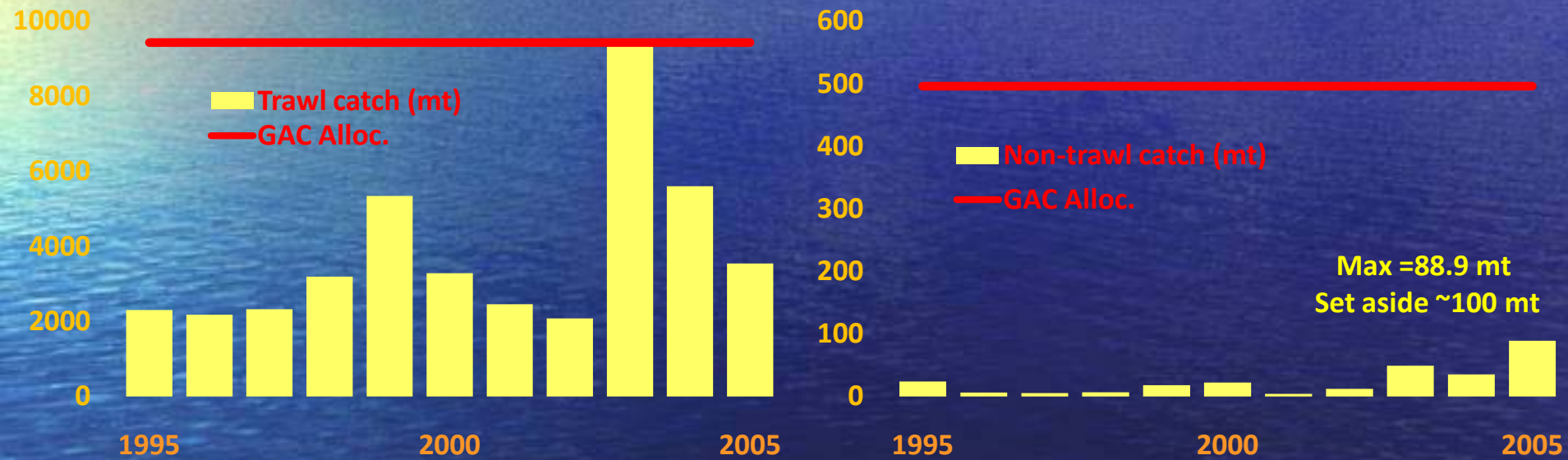
Non-Trawl



Arrowtooth Flounder

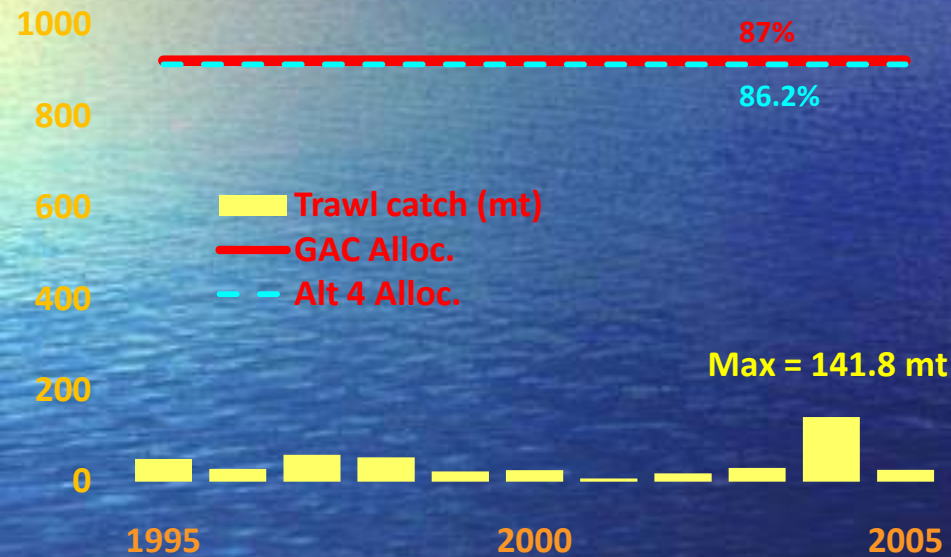
Trawl

Non-Trawl



Starry Flounder

Trawl

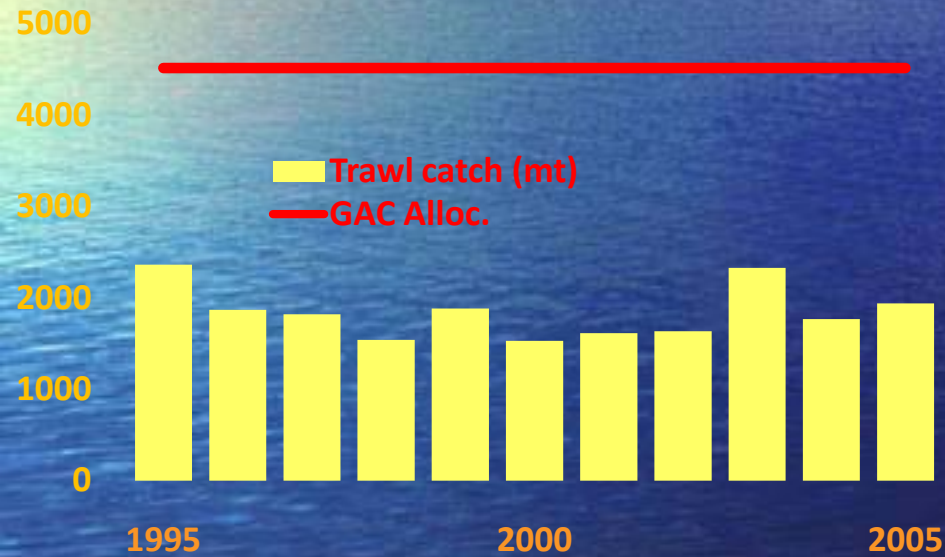


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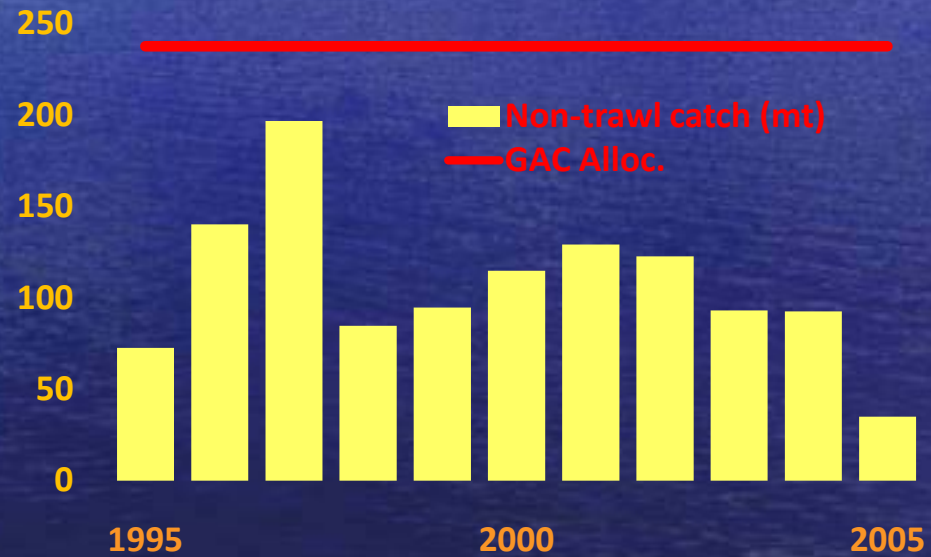


Other Flatfish

Trawl



Non-Trawl



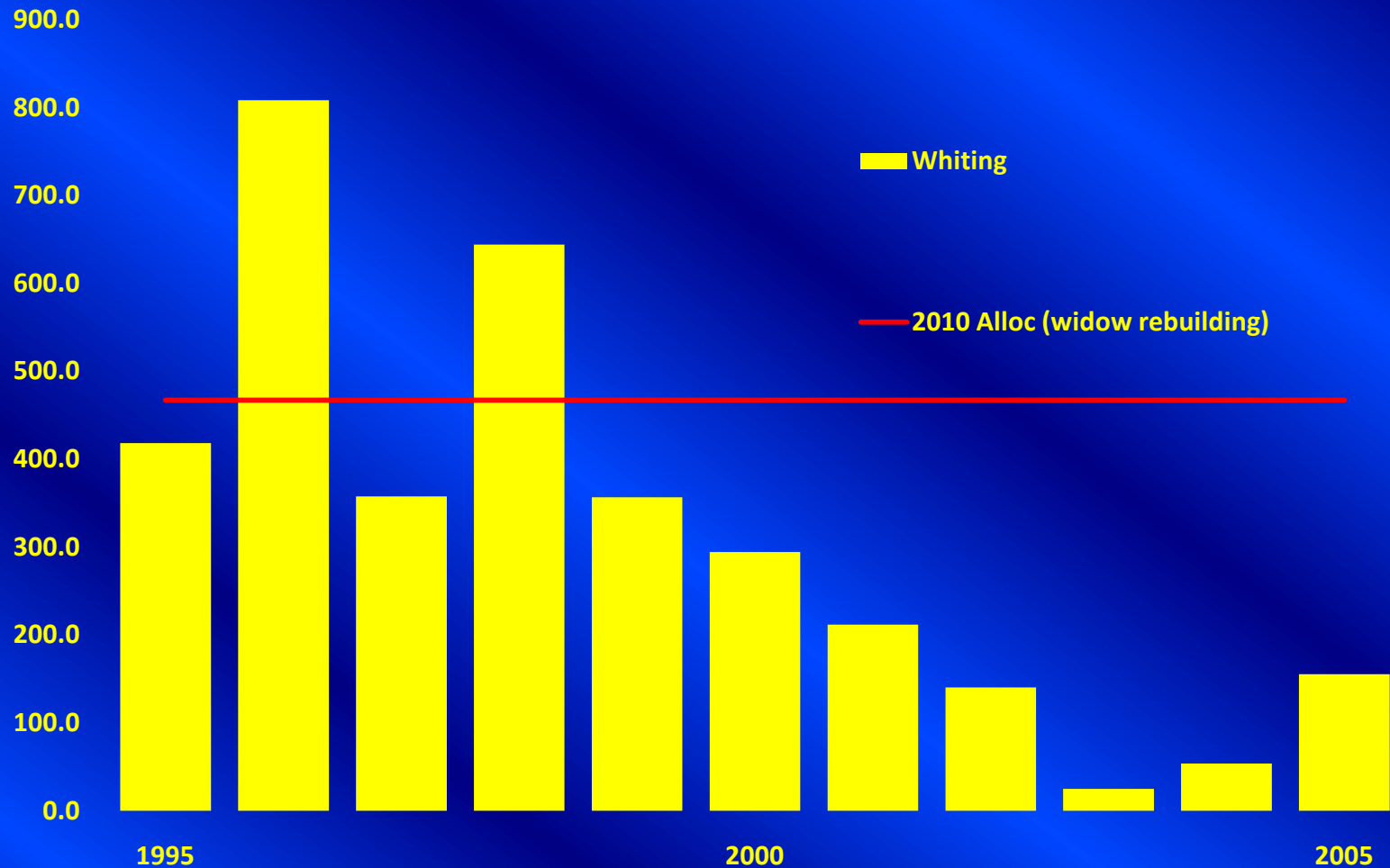
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 - **Shoreside Trawl Sector Allocations**
- Pacific Halibut Total Catch Limits
- Frameworking the Process for Future Allocation Decisions

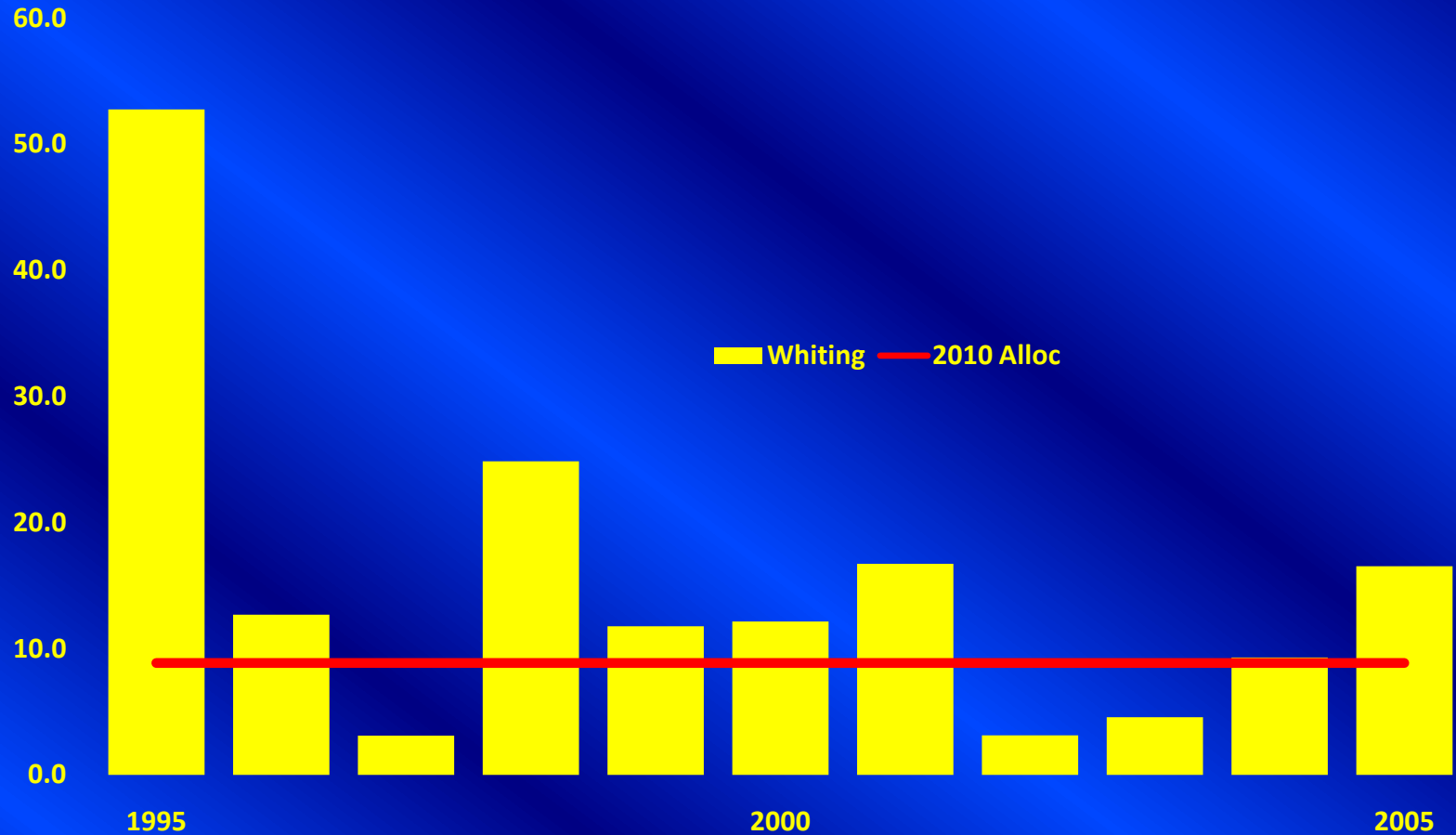
Trawl Sector Allocations of Widow, POP, and Darkblotched

- An allocation of these trawl-dominant overfished species needs to be made to the four current trawl sectors to implement trawl rationalization**
- Widow, POP, darkblotched, and canary will be allocated to the at-sea sectors and managed with total catch limits**
- Variation in annual catches of these species by at-sea sectors may compel short-term allocations decided biennially**

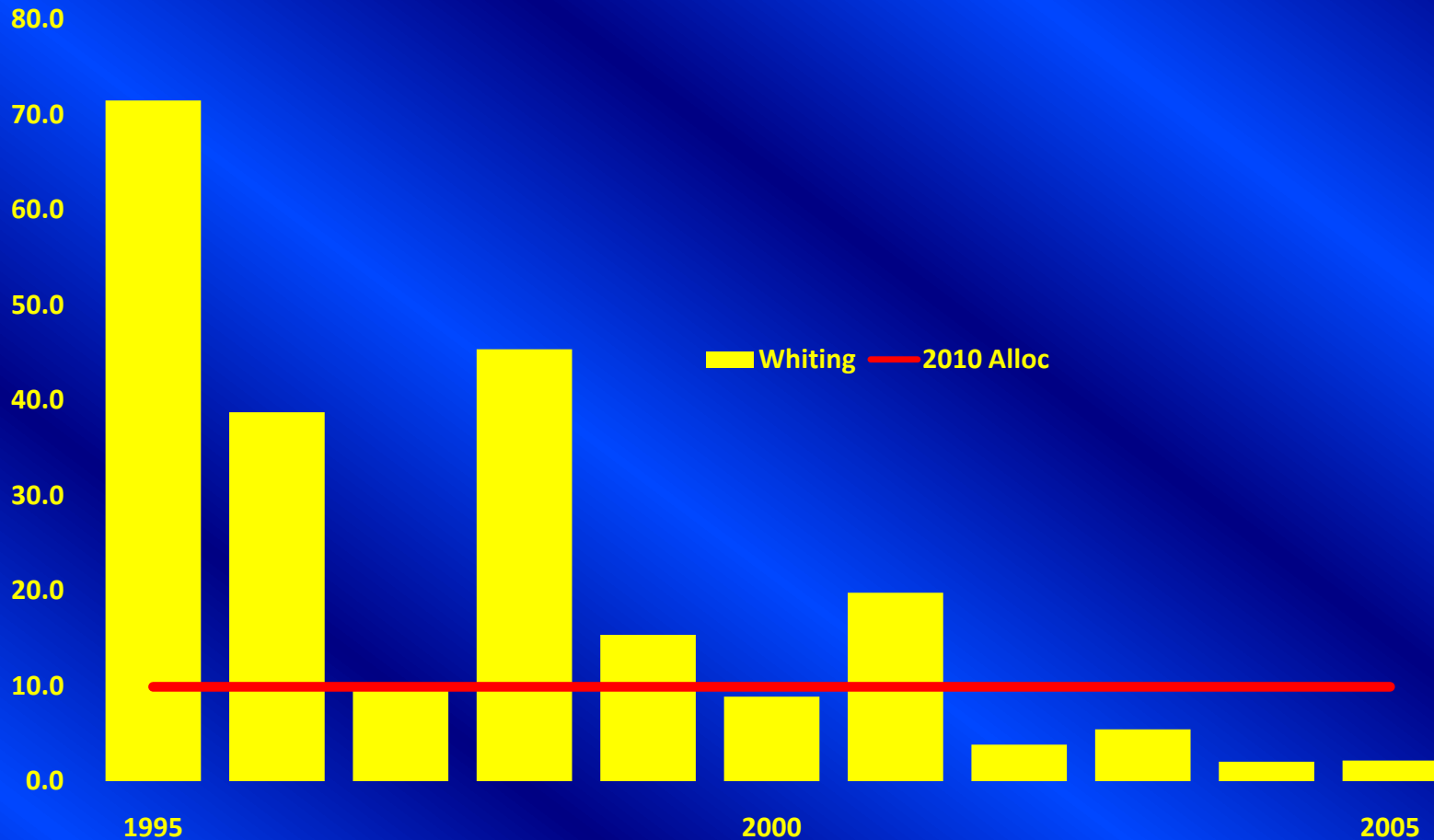
Widow Whiting Trawl Sector Catches



Darkblotched Whiting Trawl Sector Catches



POP Whiting Trawl Sector Catches



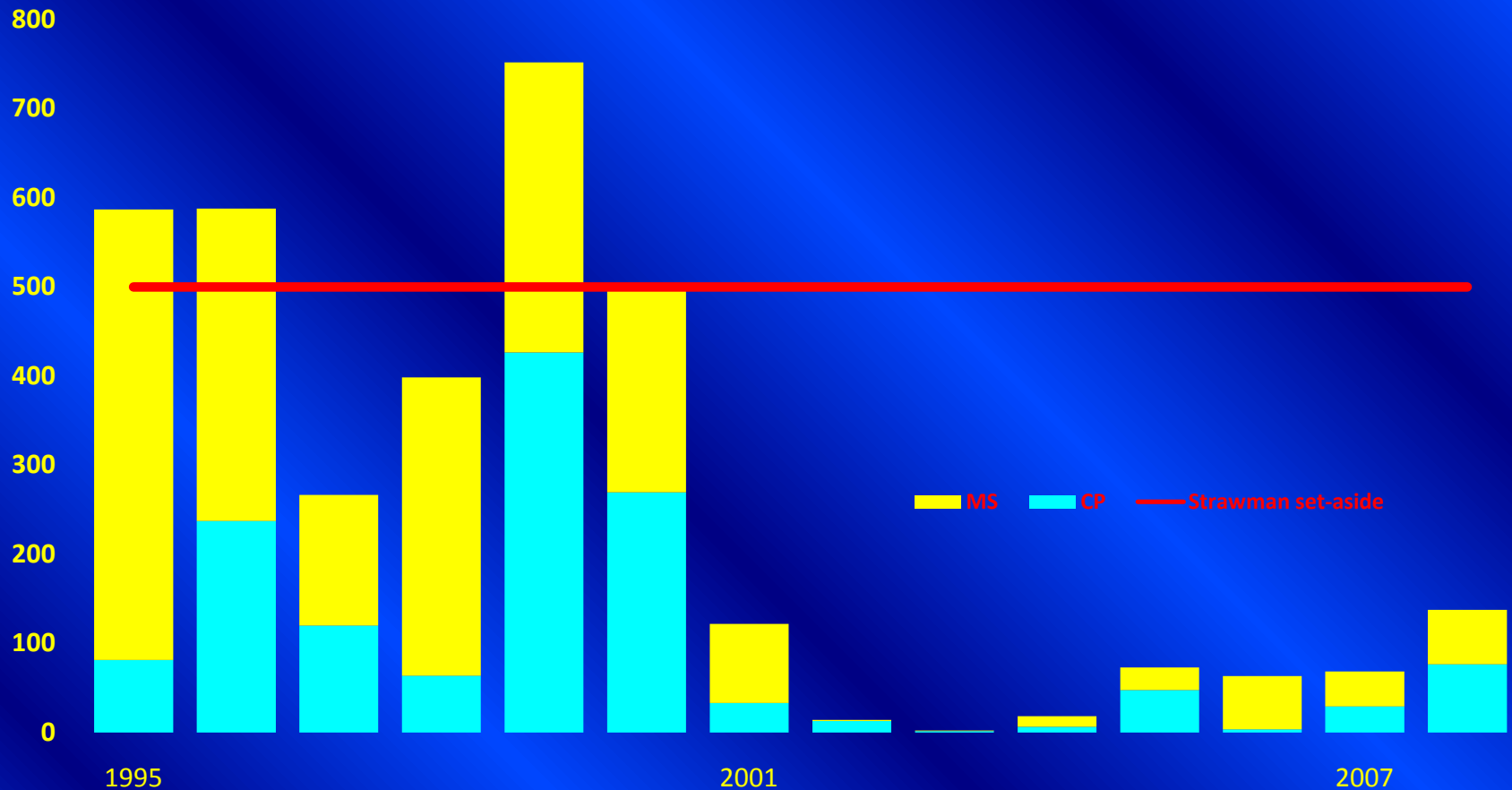
At-Sea Whiting Sector Set-Asides

- **Set-aside amounts are held in reserve to accommodate incidental bycatch**
- **Consider strawman yield set-asides in Table 4-23**
- **Yellowtail set-aside significantly larger – 500 mt**

Strawman Set-Aside Amounts (mt) for At-Sea Sectors

Lingcod	6	Dover Sole	5
Pacific Cod	1	English Sole	1
Sablefish N	50	Petrale Sole	1
Yellowtail	500	Arrowtooth	10
Shortspine N	20	Starry Flounder	1
Longspine N	1	Other Flatfish	20
Minor Slope RF N	55	Pacific Halibut	10

At-Sea Whiting Sector Set-Asides – Yellowtail Rockfish

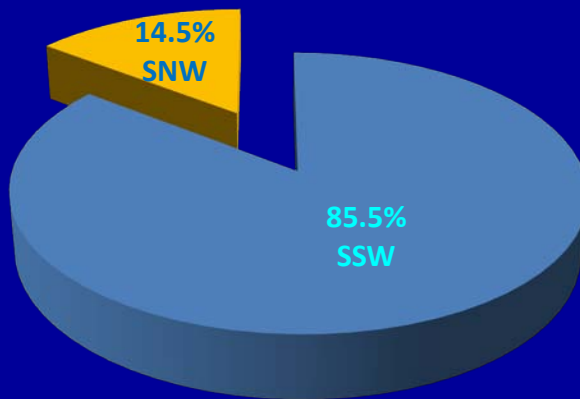


Shoreside Trawl Sector Allocations

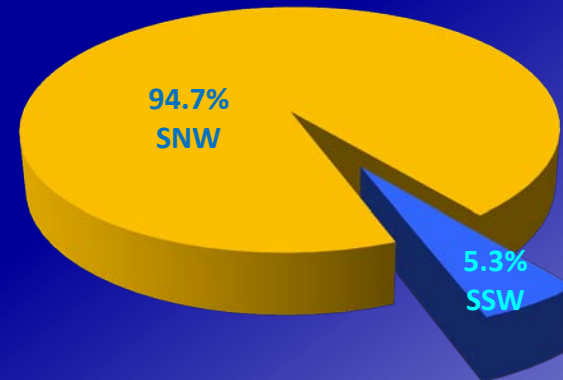
- **Sector allocation needed to make initial allocation of QS to eligible participants**
- **Insignificant difference using sector catch shares for all Am 21 species except widow and yellowtail (Table 2-11)**

Widow Rockfish

Under Widow Rebuilding



Widow Rebuilt



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- Frameworking the Process for Future Allocation Decisions

Pacific Halibut Total Catch Limits

- **14.6% and 14.7% of Area 2A CEY
(Alts 1 and 2, respectively)**
- **10% of Area 2A CEY (Alt 3 – Nov. 2008)**
- **15% of Area 2A CEY not to exceed 130,000 lbs
(Alt 4 PPA – Mar. 2009)**
 - **15% limit not to exceed 130K lbs for first two years**
 - **15% limit not to exceed 100K lb in year 3**
 - **May lower limit further in biennial management process**

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- Pacific Halibut Total Catch Limits
- **Frameworking the Process for Future Allocation Decisions**

FMP Considerations

- **Allocations in the FMP, or**
- **Framework the Allocation Process in the FMP**
 - **Allow Formal Allocations to Stand Unless Changed in the Biennial Management Process**
 - **Some Allocations Always Made in Biennial Management Process (e.g., Canary)**
- **Maintain FMP Provision to Suspend a Formal Allocation if a Stock is Declared Overfished**