

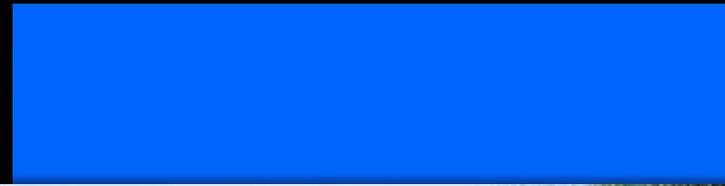
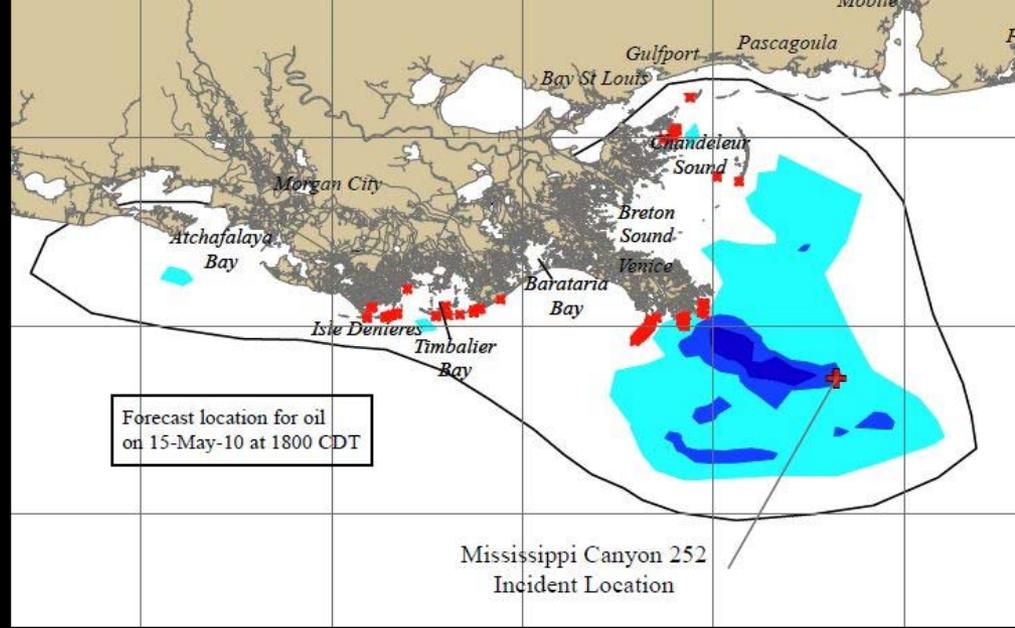
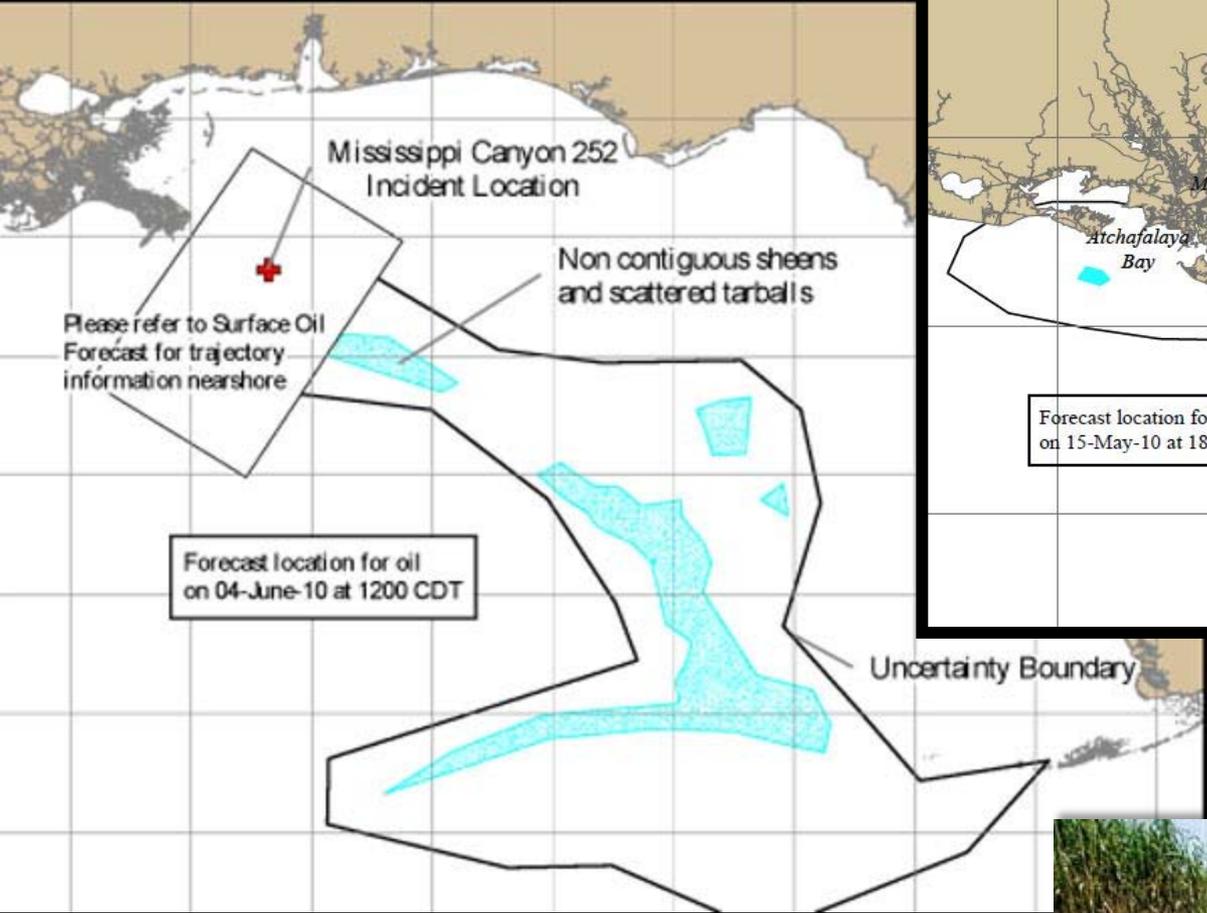
Gulf of Mexico Fishery Management Council

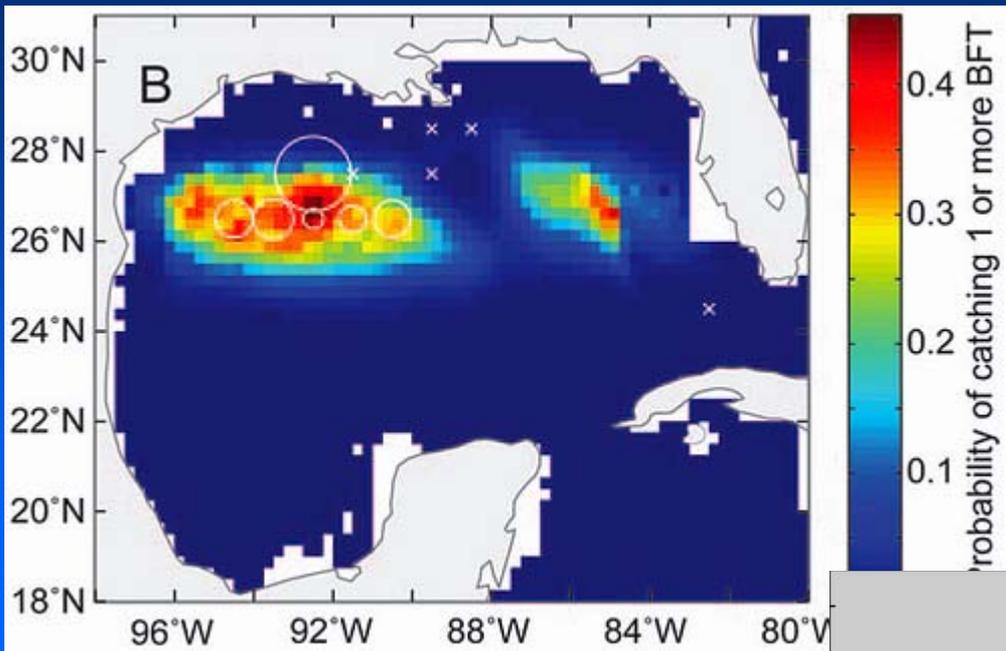
Summary Presentation to the
Council Coordination Committee
January 2011



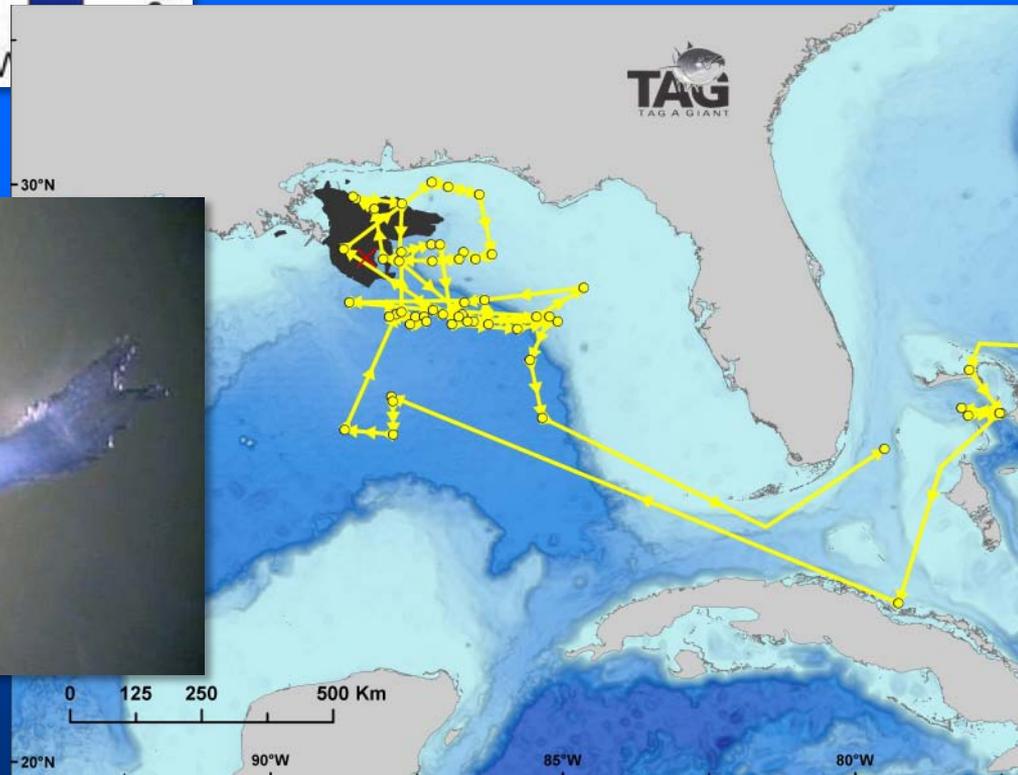


...and what
a year it
was!





Still don't know the long-term effects on larvae, juveniles, & adults





U.S. Senate Committee on
**ENVIRONMENT &
PUBLIC WORKS**



That's me!



U.S. Senate Committee on
**ENVIRONMENT &
PUBLIC WORKS**





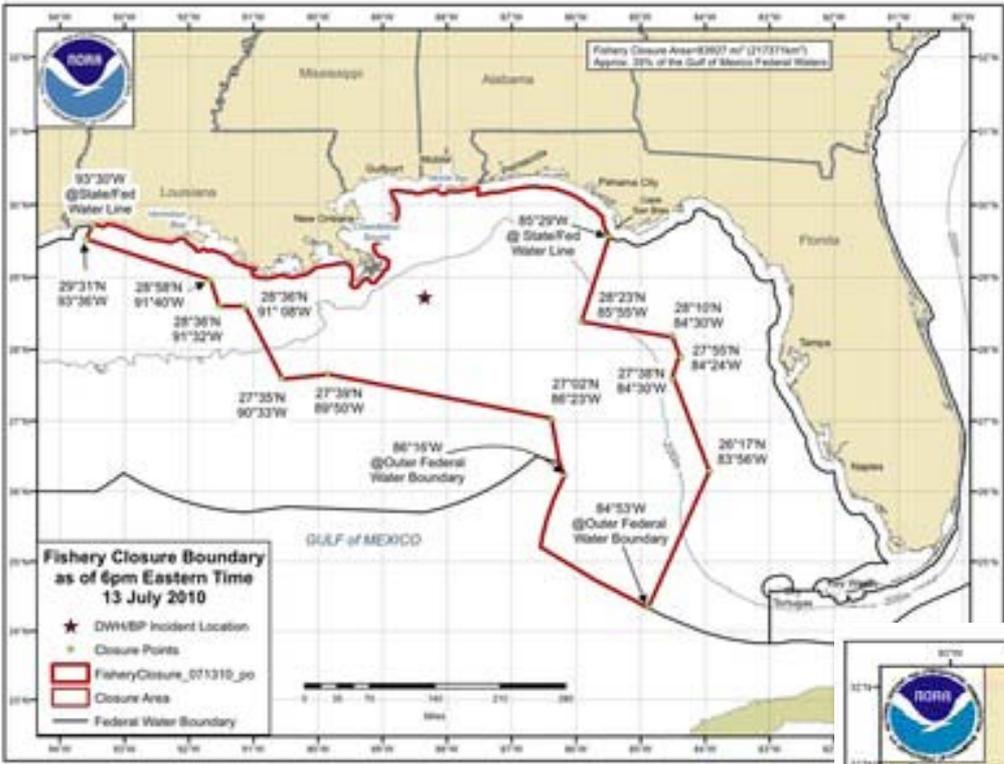
Proposed research to address fisheries issues related to the oil spill



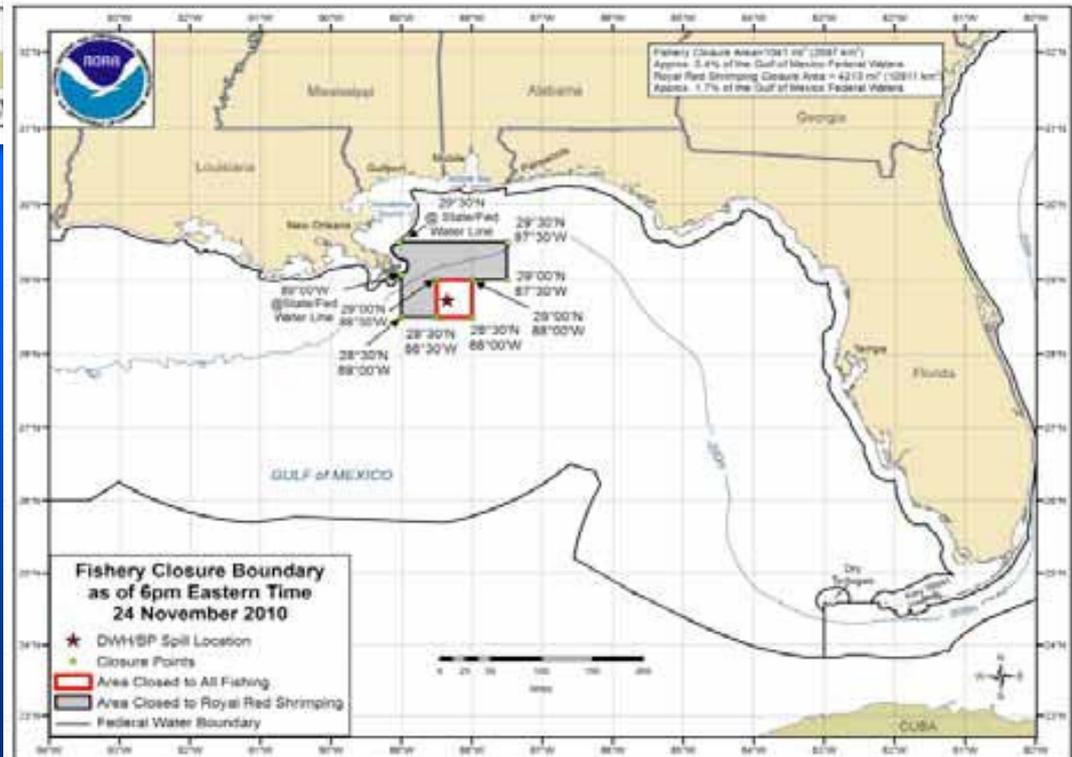
Supporting the Gulf Seafood brand
through outreach and education

“Lemons to Lemonade”

It was the worst of times...



...but it got better!



Gulf of Mexico Fishery Management Council

Council Action
Overview



Our Council...

...minus Vernon Minton



New Staff



Dr. Ava Lasseter
– Anthropologist

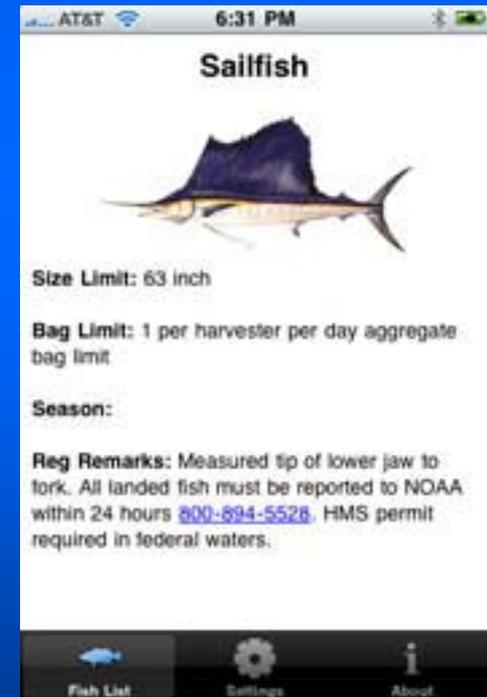
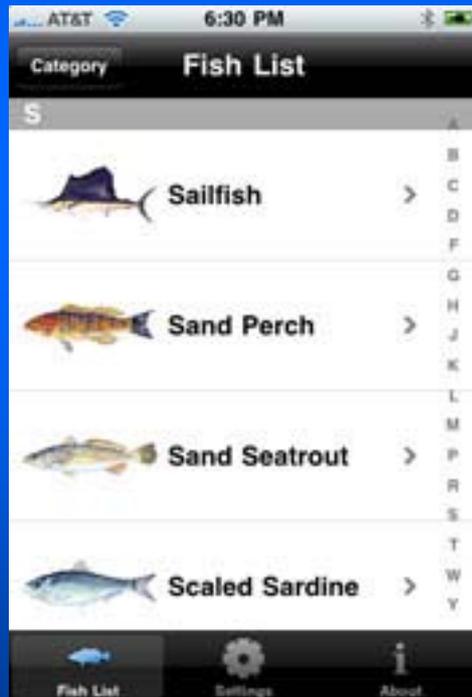


Emily Muehlstein –
Fisheries Outreach
Specialist

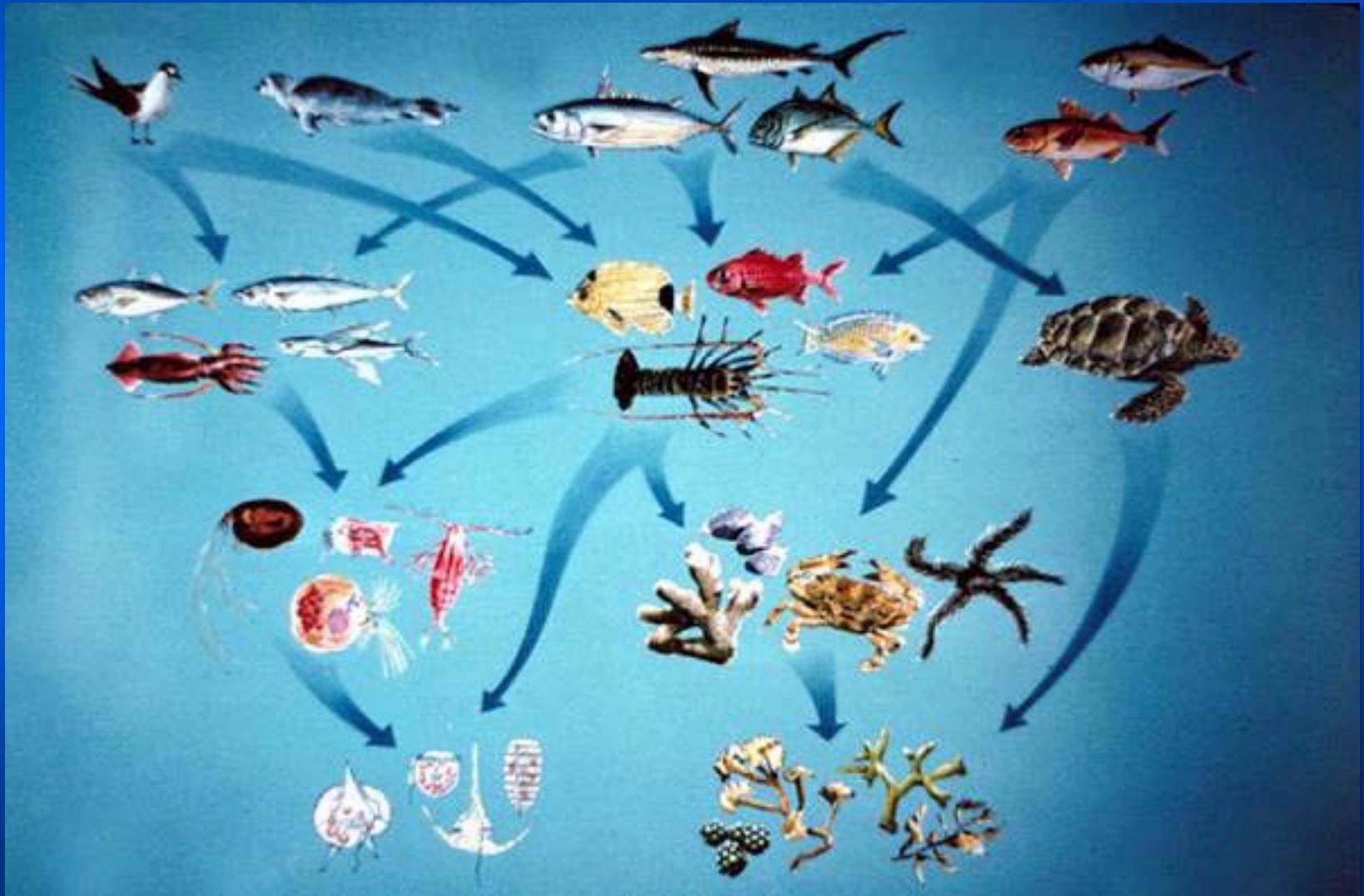


Ryan Rindone –
SEDAR Coordinator
for Gulf oil spill
assessments

Fishing Companion Smart Phone Application



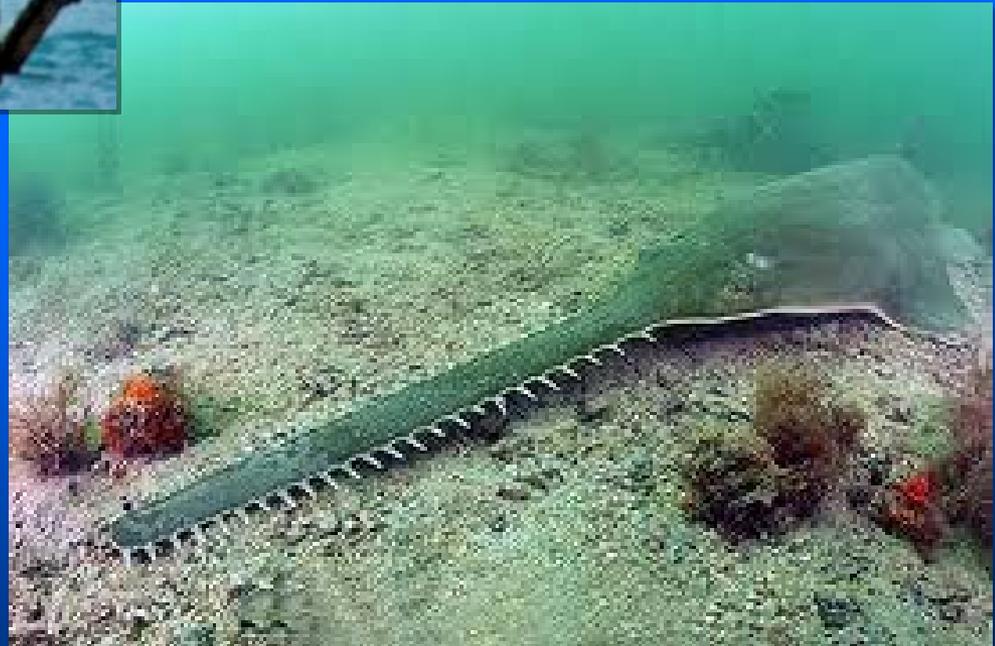
Ecosystem-based Management





Helped facilitate a workshop on smalltooth sawfish ...

...held by the Gulf and South Atlantic Fisheries Foundation with support from the Southeast Regional Office.





Sector Separation Workshop

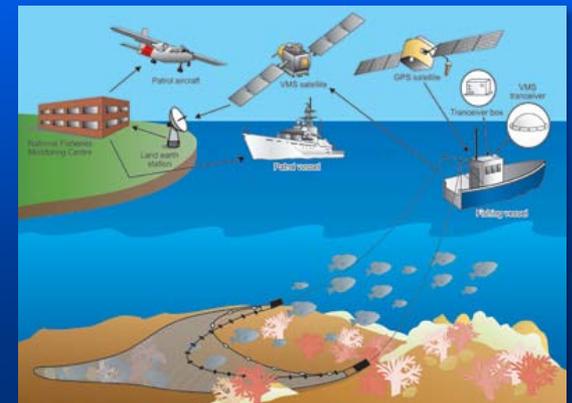


Data Collection

Working with the Gulf States Marine Fisheries Commission to begin an education system for a mandatory electronic reporting system

Develop a system for at-sea and shore-side validation of fishing effort, landings, and discards by January 2011;

Implement a mandatory, enforceable, and validatable electronic reporting system for the federally permitted Gulf of Mexico for-hire sector and dealers by January 2011



Fisheries 101, Lesson 3

So You Have Some Data, Now What?: The Underpinnings of Stock Assessment

Steve Bortone

*Gulf of Mexico Fishery
Management Council*

Tampa, Florida 33607 USA

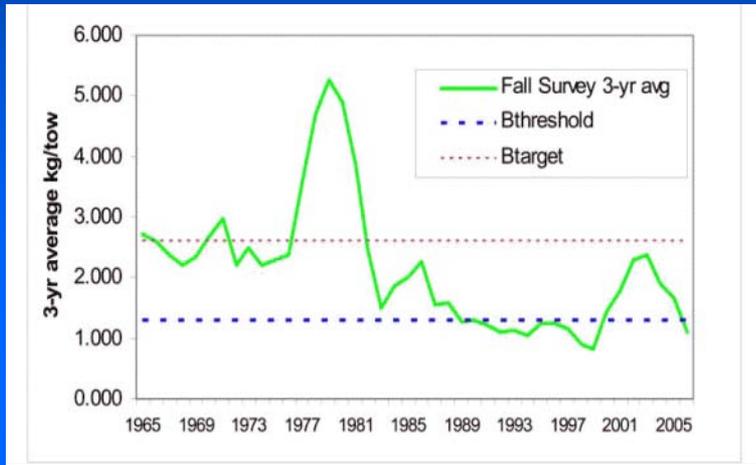
Steve.Bortone@GulfCouncil.org



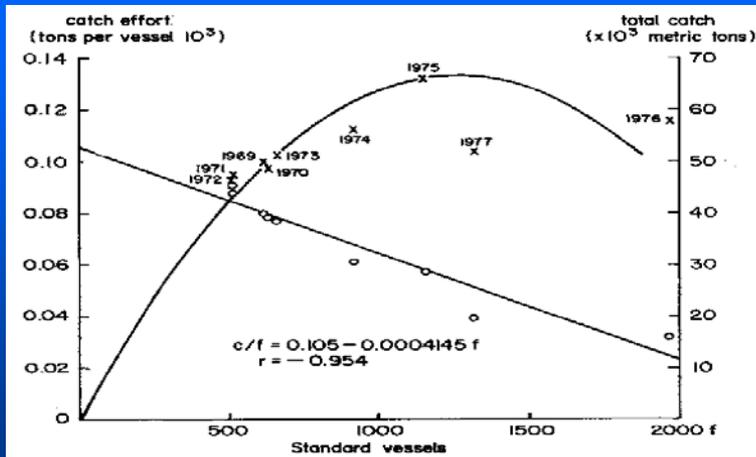
Approaches to Assessments

fishery independent

Production
Index-based

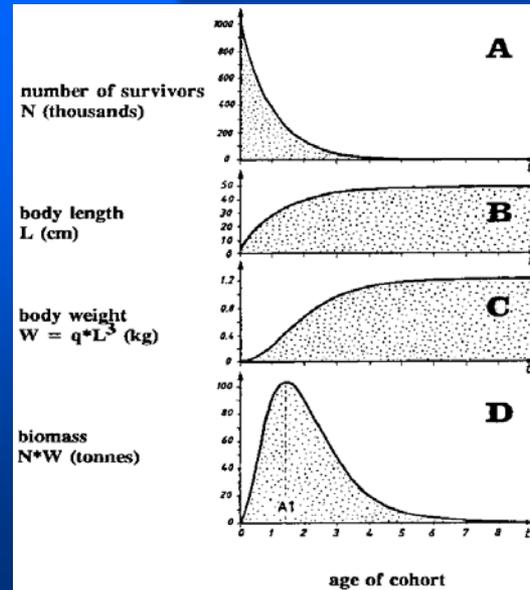
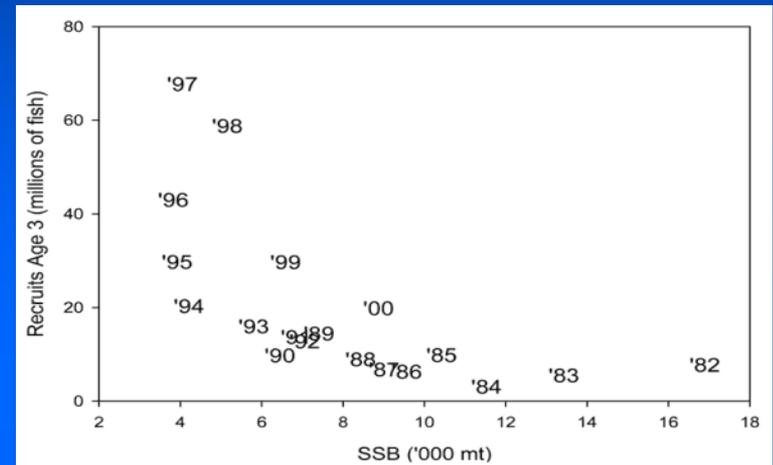


fishery dependent



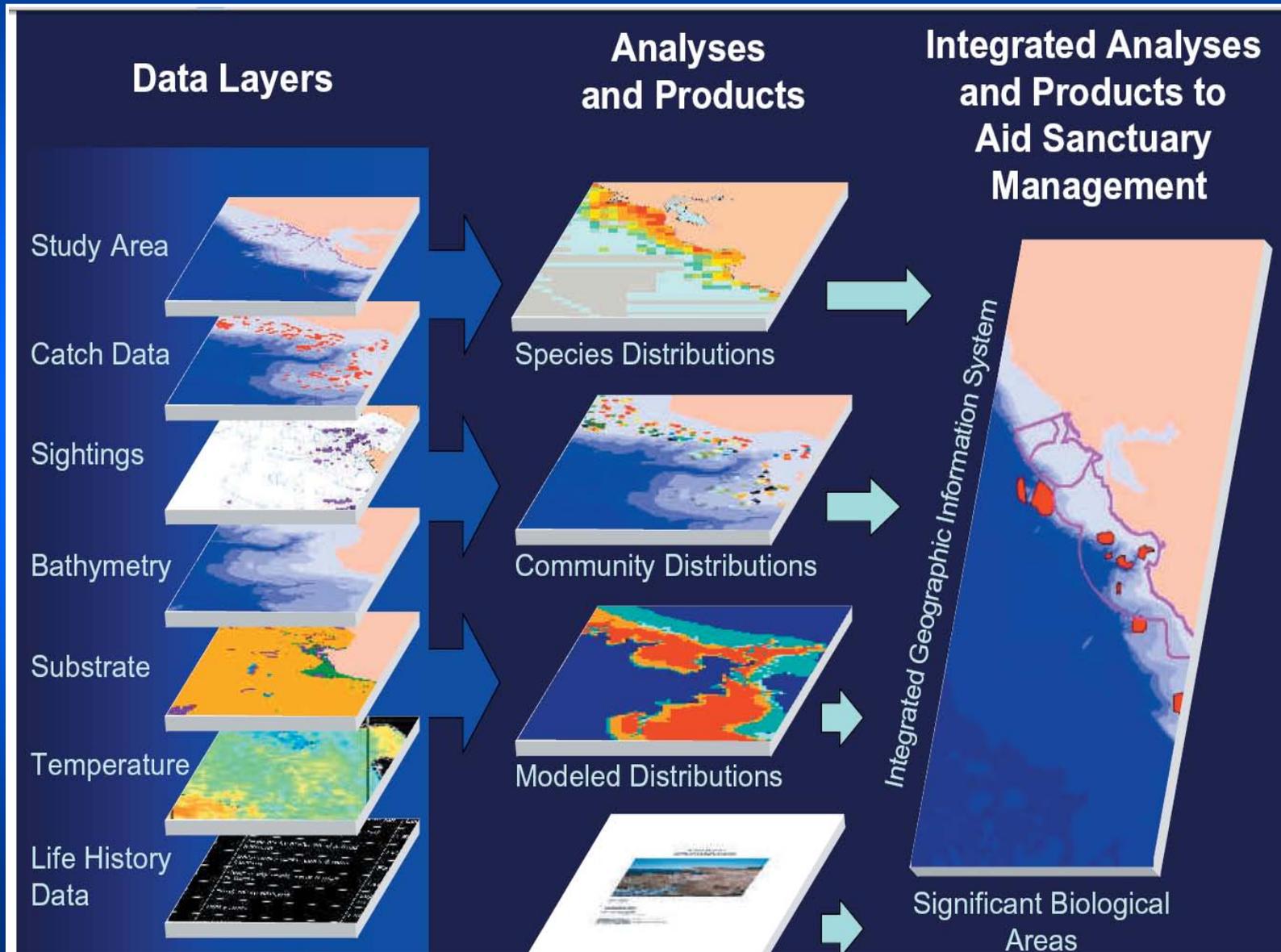
Production-based

Structural (Dynamic Pool)
Recruitment-based



Cohort-based
(VPA – Virtual
Population
Analysis)

An introduction to Marine Spatial Planning



Fishery Management Plans

The Gulf Council's Fishery Management Plans include:

- Coastal Migratory Pelagics
- Corals
- Reef Fish
- Red Drum
- Shrimp
- Spiny Lobster
- Stone Crab
- Aquaculture

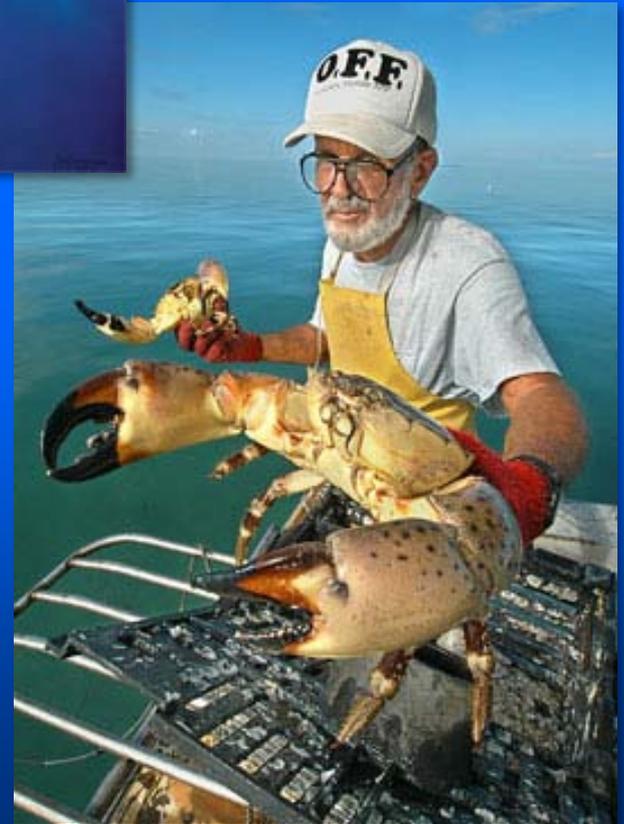
(approved, not implemented)





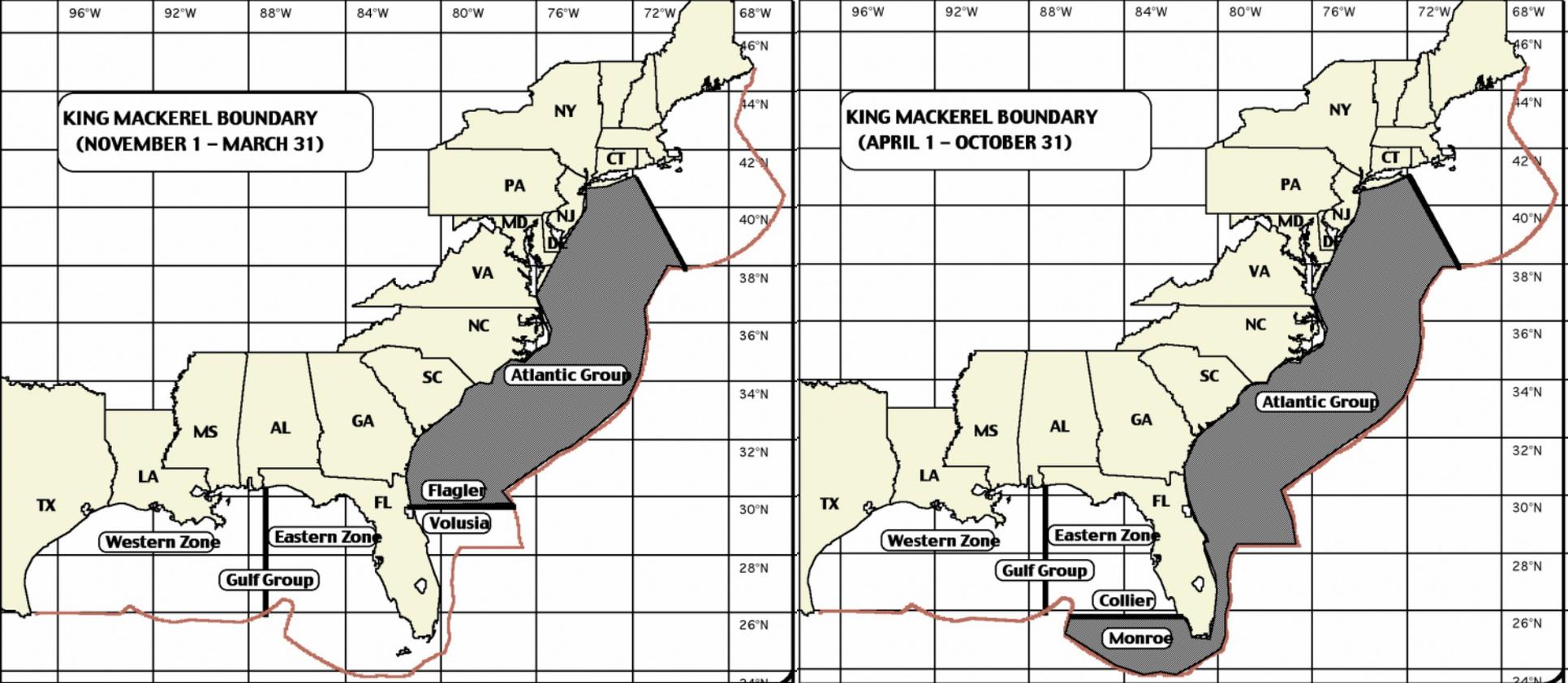
“Los Tres Caballeros”

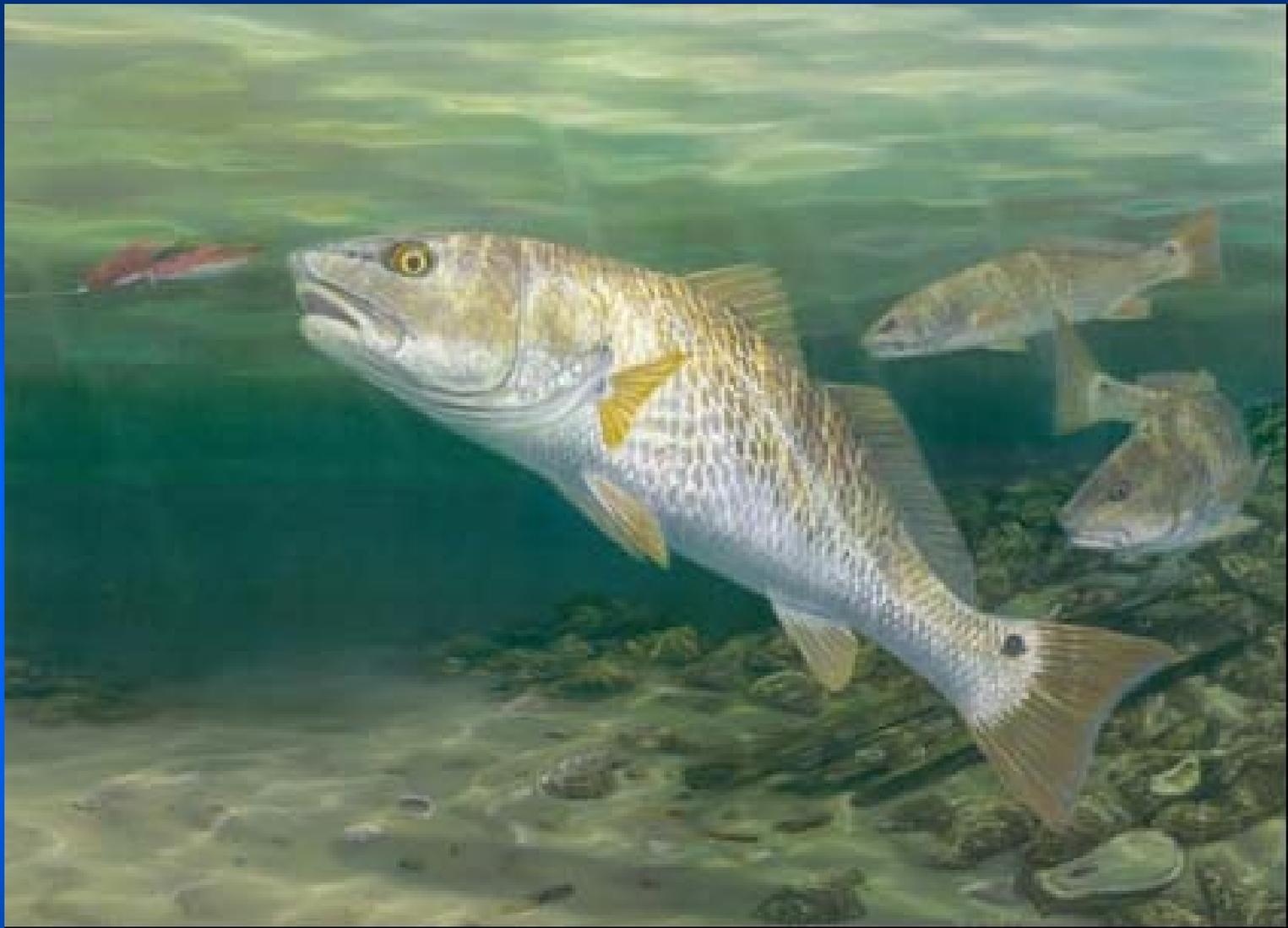
Working together through SEDAR
(Southeast Data Assessment & Review)





In the Gulf of Mexico, there is a 3-mile inshore limit to federal jurisdiction off Louisiana, Mississippi, and Alabama and a 9-mile limit off Texas and Florida





Red Drum (aka – redfish, channel bass)
Review of status report & ABC



Goliath Grouper undergoing review



Coral Reef Areas of the Gulf of Mexico

AREAS OF CORAL DECLINE

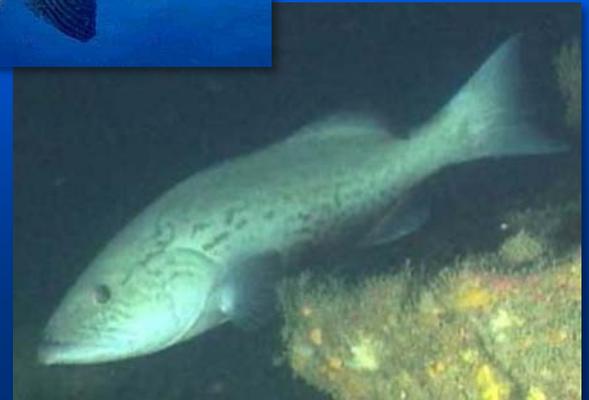
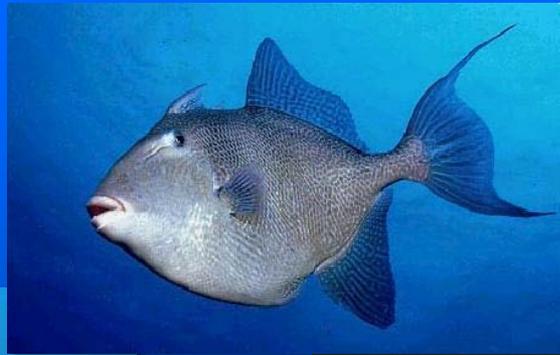


Fish Stocks the Gulf Council Manages

- Coastal Migratory Pelagics – Cobia, Mackerels, Sharks
- Reef Fish – Red, Vermillion, & Yellowtail Snapper
- Deep-water Groupers - Warsaw, Snowy, Misty
- Shallow-water Groupers – Gag, Black, Scamp, Yellowmouth
- Other Reef Fish – Triggerfish, Amberjack



Species	Overfishing	Overfished
Red Snapper		X
Greater Amberjack	X	X
Gray Triggerfish	X	X
Gag	X	X





Total allowable catch increased from 5 million pounds to 6.945 million pounds for 2010. While the increase means nearly an additional one million pounds for each sector, it's not enough to allow for a longer season (i.e., fish are bigger)...

...but because the oil spill led to a reduced effort, the 54 day season was reopened to include eight consecutive weekends (Friday through Sunday), beginning October 1, 2010 to November 22, 2010. Effectively adding 24 additional days!

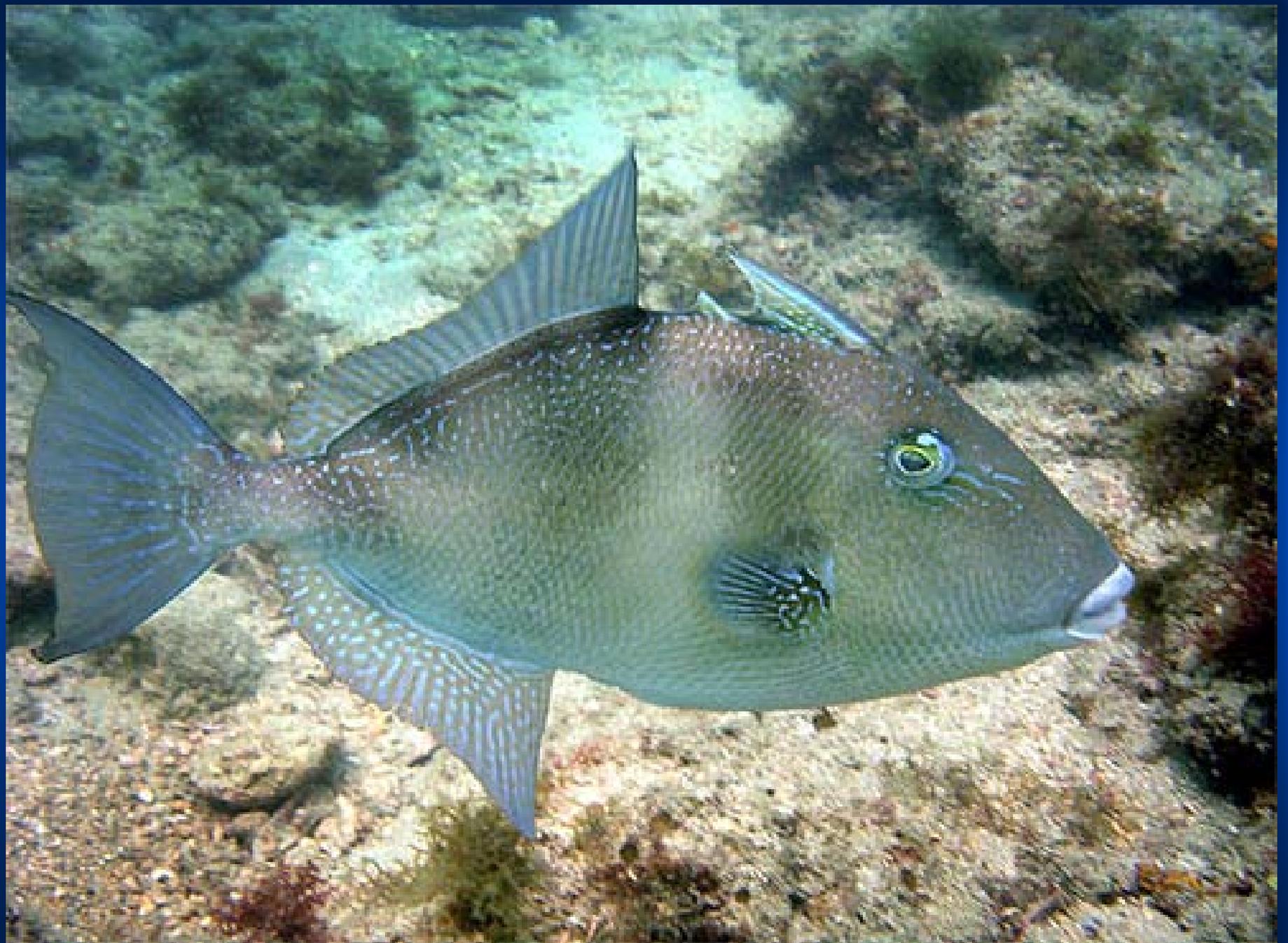
Red Snapper





A recreational season closure of June 1 through July 31. The intent of this action is to avoid in-season closures during peak economic fishing months.

Greater Amberjack



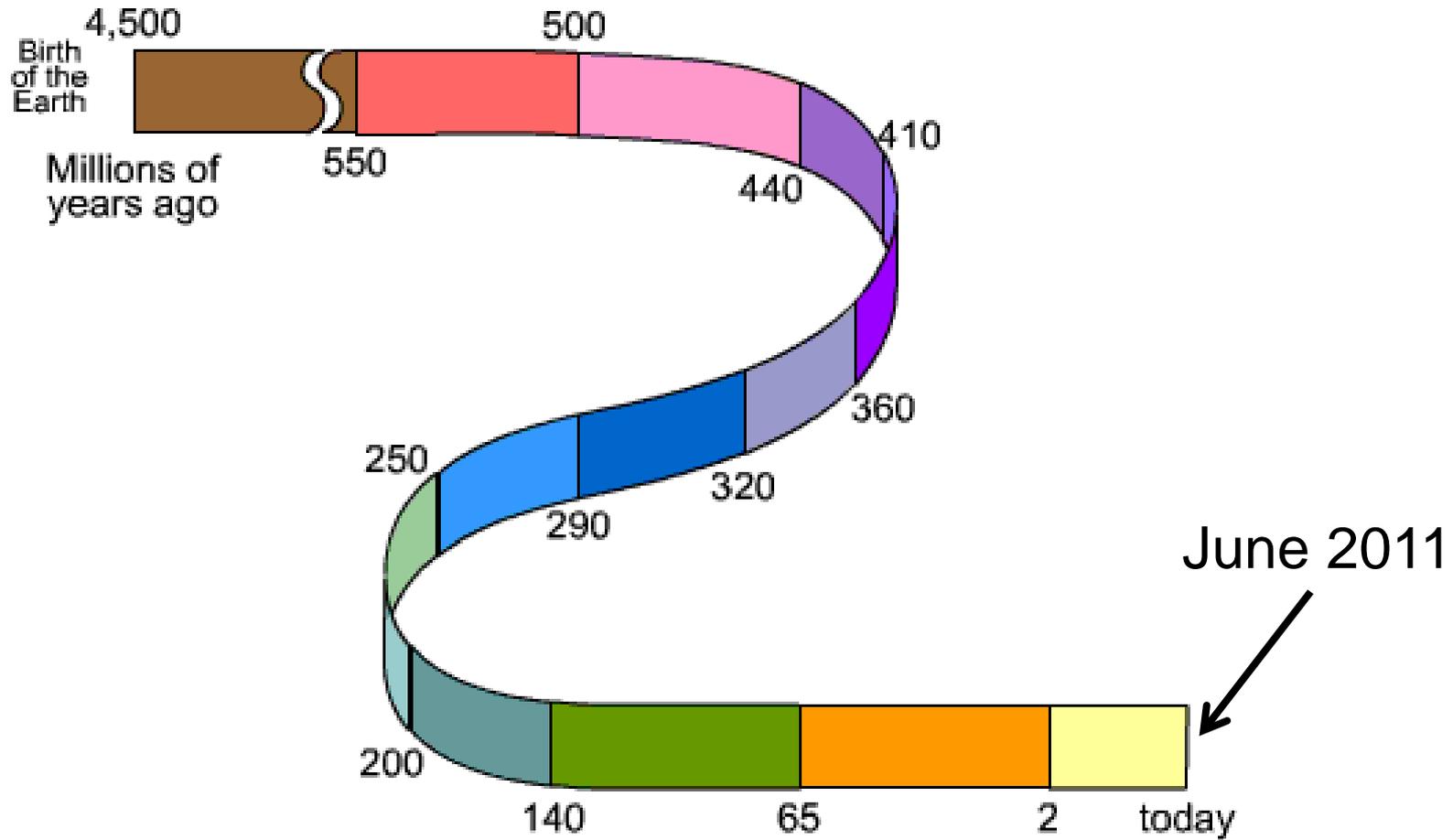
Gag

The gag interim rule closes recreational Gulf gag and revises the commercial quota. This rule is effective January 1, 2011 through May 31, 2011.



This should “buy time” (6 months?) to reexamine the assessment

Annual Catch Limit Timeline



A Word to the Wise



Your goal is to see the moose long before you violate its space. Yield to the moose: go around, go back or wait. Avoid a confrontation, since a half-ton moose with four slashing hooves “could stomp the living daylights out of you.”

Thanks, Chris
& Eric!

