

Science, Service, Stewardship



NOAA

Marine Recreational Information Program Update

MRIP Timeliness Workshop
March 15, 2011

**NOAA
FISHERIES
SERVICE**



Overview

1. What we've done
2. What we're working on
3. What you can expect



Marine Recreational Information Program

**The Magnuson-Stevens Reauthorization Act
called for more accurate and precise
recreational fishing information.**

**Implement recommendations of the
National Research Council review.**

**Improve the quality of our
catch and effort surveys.**

**Create a national registry
of saltwater anglers.**

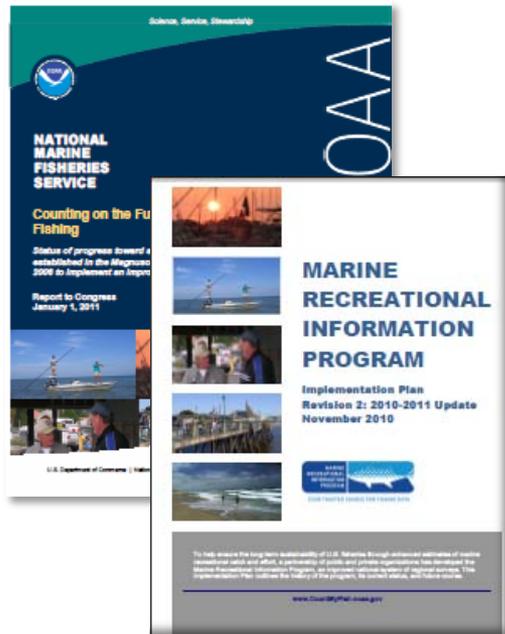


Meeting Two Critical Needs

1. Provide the detailed, timely, scientifically sound estimates that fisheries managers, stock assessors and marine scientists need to ensure the sustainability of ocean resources.
2. Address head-on stakeholder concerns about the reliability and credibility of recreational fishing catch and effort estimates.



Dynamic and Evolving

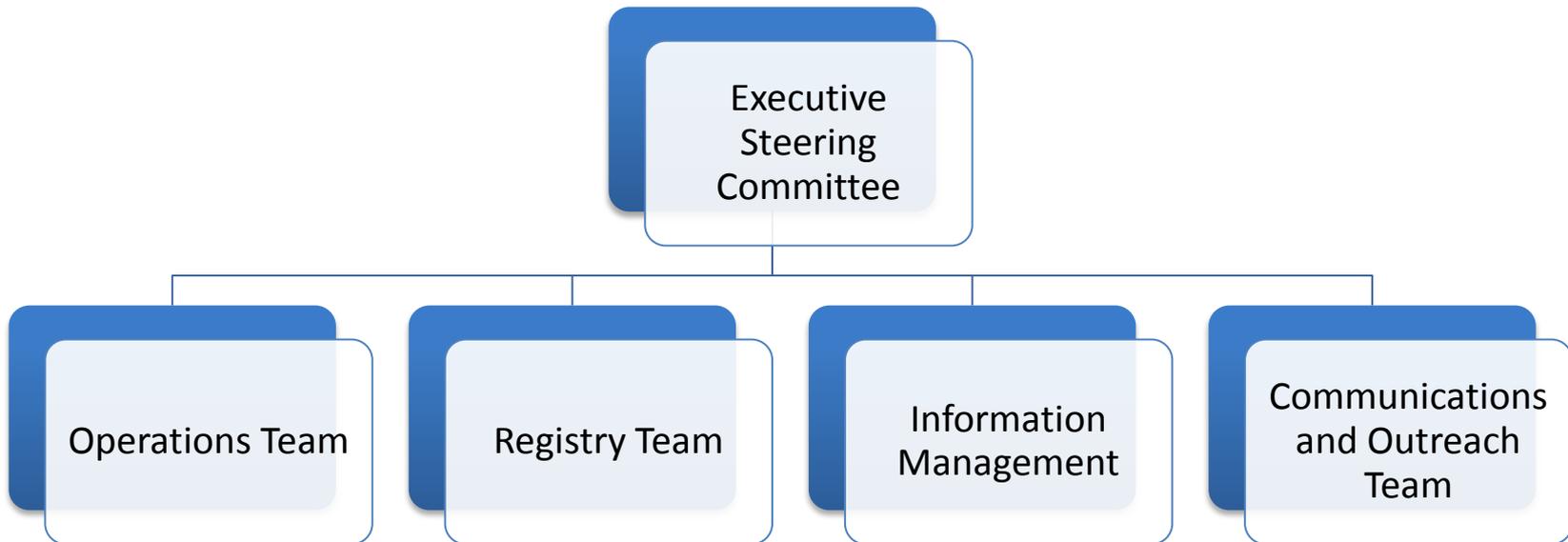


2011 Report to Congress and Implementation Plan Update

- Update on MRIP progress to date
- Blueprint for future action
- Revised annually
- Commitment to transparency



Governance Structure



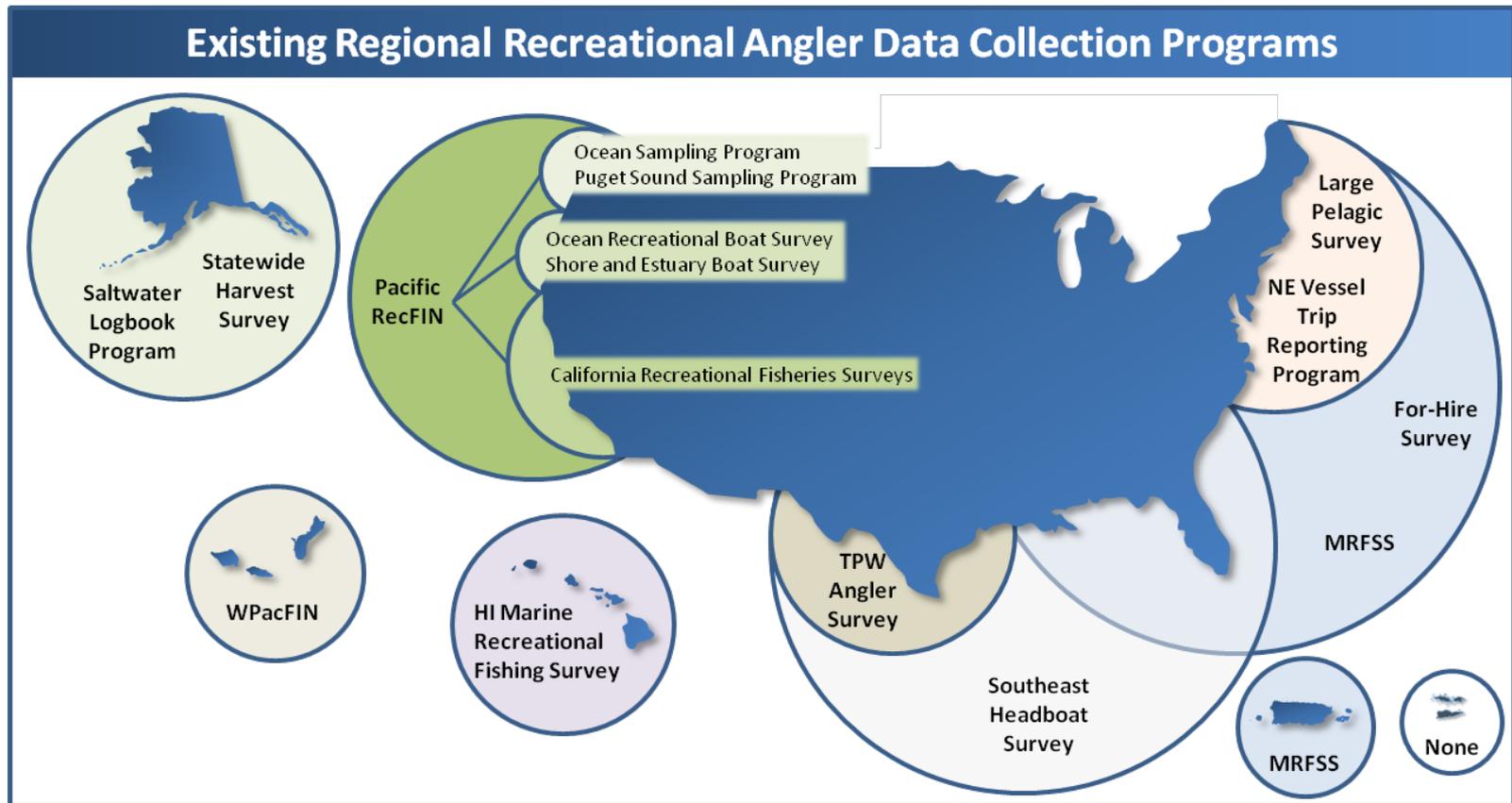


Budget

FY 2008	\$3.5 Million	FY2010	\$9.0 Million
FY 2009	\$6.2 Million	FY2011	\$9.0 Million <i>(President's Request)</i>
		FY2012	\$12.0 Million <i>(President's Request)</i>



How Did We Get Here?





National Strategy

- Regional flexibility
- Development of survey design, estimation and management standards and best practices
 - Utilization of angler registries as sample frames
 - Unbiased sampling and estimation designs
- For-hire specific data collection approaches
- Quality assurance and quality control standards
- Enhanced information management and data dissemination tools



Regional Surveys

Regional survey partners will make their own decisions to meet regional needs within the “umbrella” guidance of MRIP to apply survey parameters such as:

- Basic survey design choices
- Coverage and resolution beyond standard minimums
- For-hire data collection approach
- Biological sampling requirements



Progress to Date

- NOAA funded 31 projects across the country
- Developed cooperatively with state and regional partners
- Address major concerns identified by NRC
 - Focus on fundamental design and sampling methods



Key Accomplishments

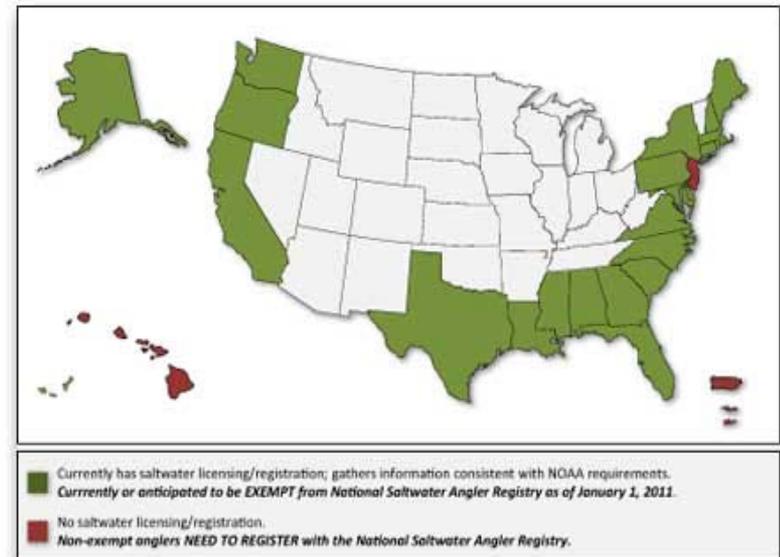
- Pilot testing electronic for-hire logbook in Gulf
- Implement National Saltwater Angler Registry
- Test registry-based surveys
- Address potential sources of bias in survey designs
 - New design for estimating catch
 - Alternative sampling design for conducting dockside interviews



Angler Registry

5 Things to Know

- 25 of 29 coastal states and territories exempt
- New Jersey just signed legislation, but not yet exempt
- Over 700,000 registered anglers
- \$15 registration fee in effect Jan 1, 2011
- Pilot testing dual-frame phone and mail surveys to determine effort

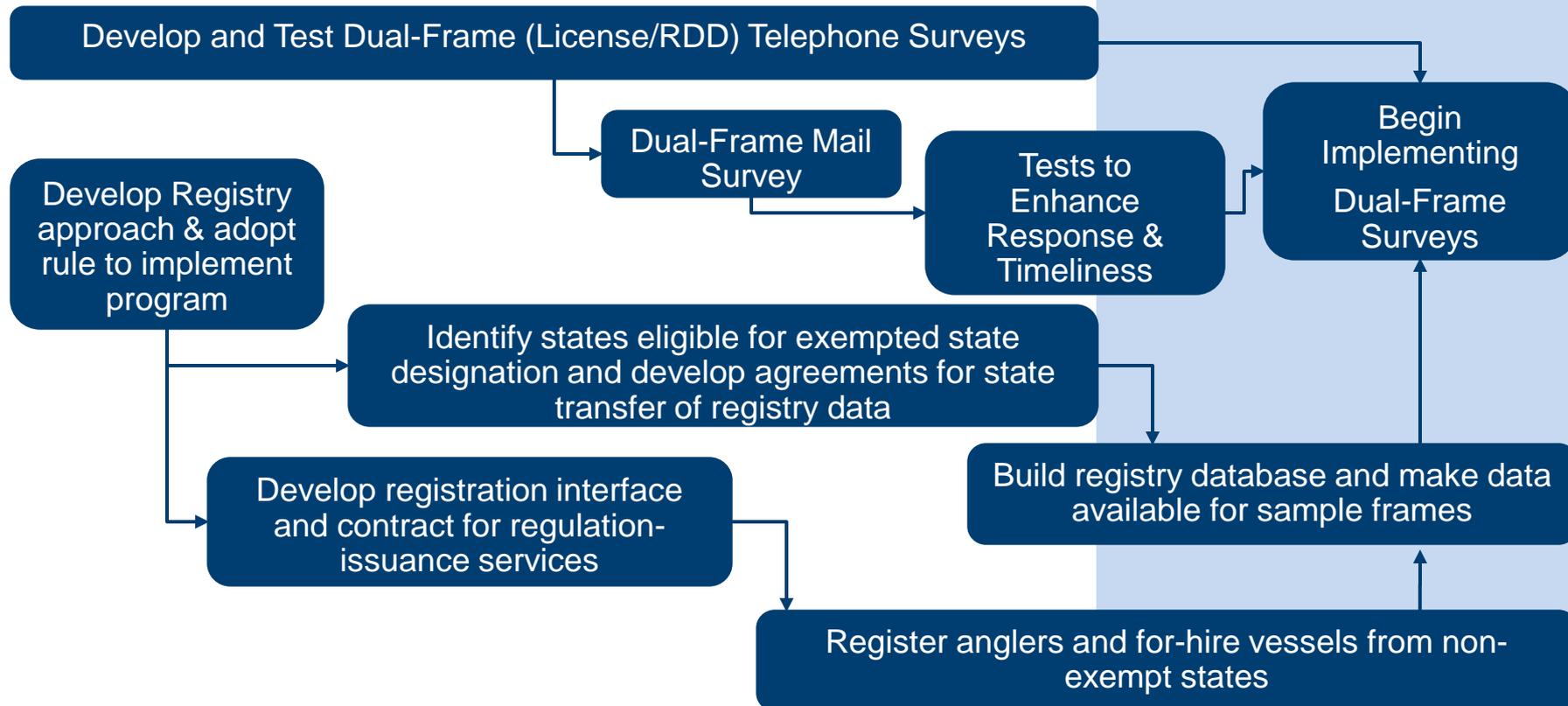




MRIP Data
Collection
Begins

Angler Registry

2008 2009 2010 2011 2012





Reducing Potential for Bias

**The potential for bias was the
NRC's chief concern about
MRFSS**

potential for bias is the result of unaccounted for
factors or untested assumptions



Reducing Potential for Bias

New Estimation Design

- Subject to 3 peer reviews
- NOAA and MRIP reviews and approvals
- New estimates in 2011, rerun estimates back to 2003
- Onboarding and outreach
 - Observer team of experts and stakeholders
 - Briefings to internal and external partners
 - Create informed, trusted group to address questions

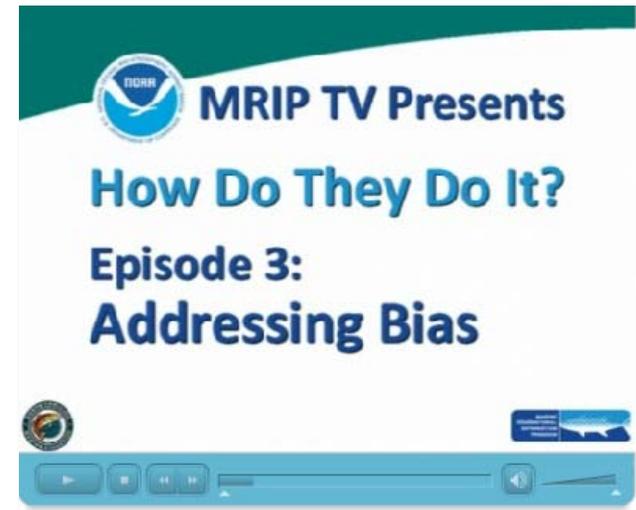
Maximize factual understanding and minimize the possibility that the effort will be misconstrued or mischaracterized



Reducing Potential for Bias

Improved Sampling Design for Dockside Intercept Survey

- North Carolina Pilot Project
 - Revised sampling frame
 - Assigned to specific sites and clusters
 - Assigned order and length of time
 - Assigned specific day parts
 - Sample at night



Video created in partnership with North Carolina Division of Marine Fisheries available at www.CountMyFish.noaa.gov



MRIP Data
Collection
Begins

Addressing Bias in Intercept Survey Design and Estimation

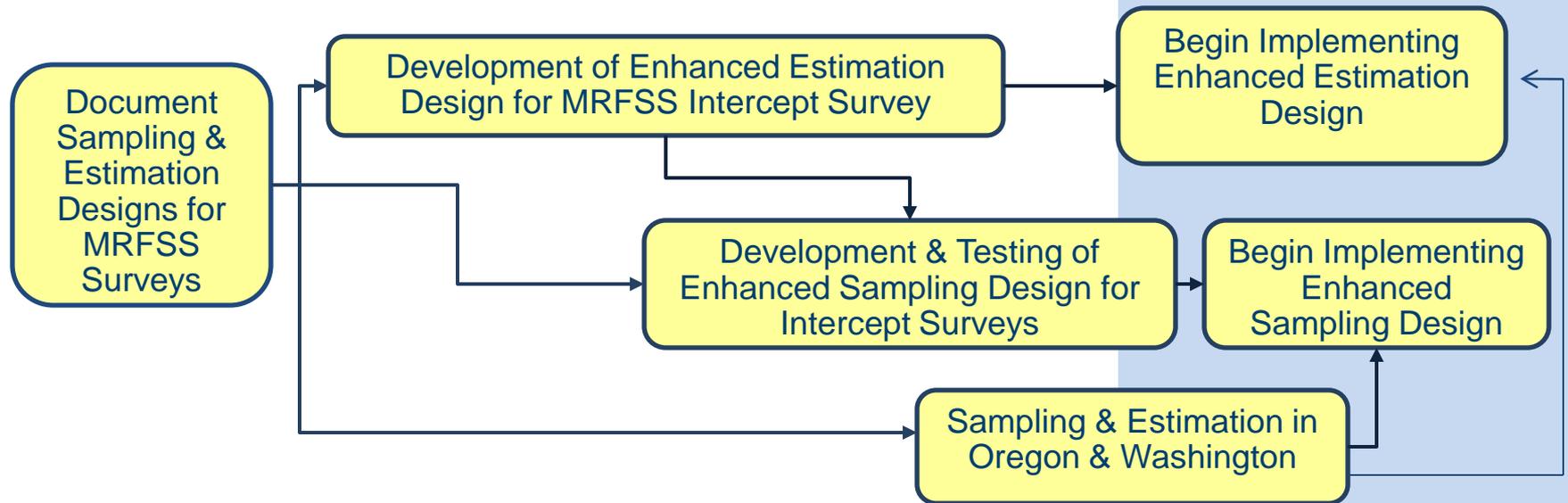
2008

2009

2010

2011

2012





Implement For-Hire Logbooks

MRIP Data Collection Begins



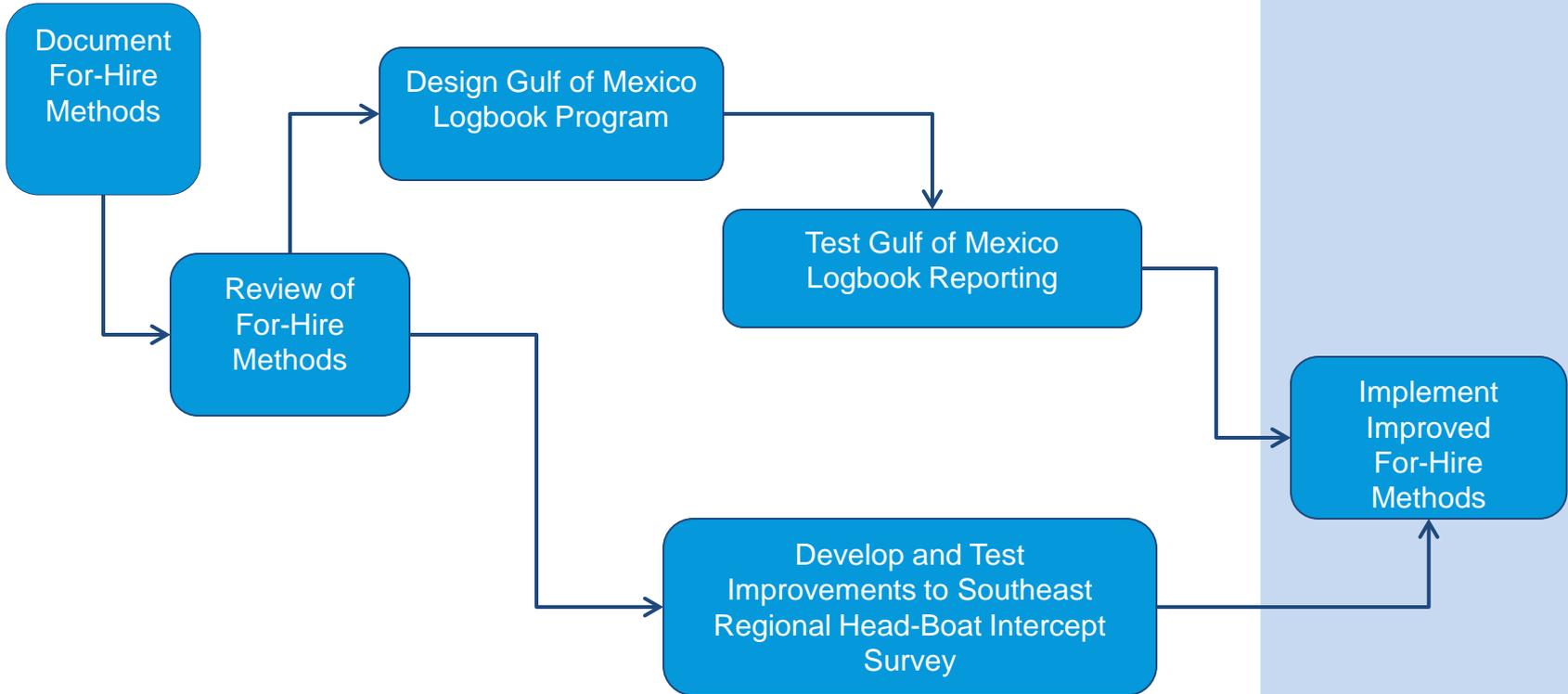
2008

2009

2010

2011

2012





When Does MRIP Begin?

Transition to MRIP has already started and is ongoing

- Angler registry
- New catch estimation methods
- Revised dockside sampling design

“MRIP is a new data collection and reporting effort created by NOAA Fisheries and a broad collection of partners...to generate better estimates of anglers’ catch and effort.”



What you can expect

Newly refined and robust process mean quality of the numbers are improved.

Be on the watch for:

- ✓ Catch estimates using new estimation methodologies (*Spring 2011*)
- ✓ Expanded use of angler registries in mixed mode surveys (*Fall 2011*)
- ✓ Application of improved intercept survey design (*Fall 2011*)
- ✓ Completion of Gulf For-Hire Pilot and regional dialogues about transition to for-hire electronic logbooks



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