

State of the FIS Program

FIS National Meeting 2007

Presented by: Dave Van Voorhees, Ph.D.

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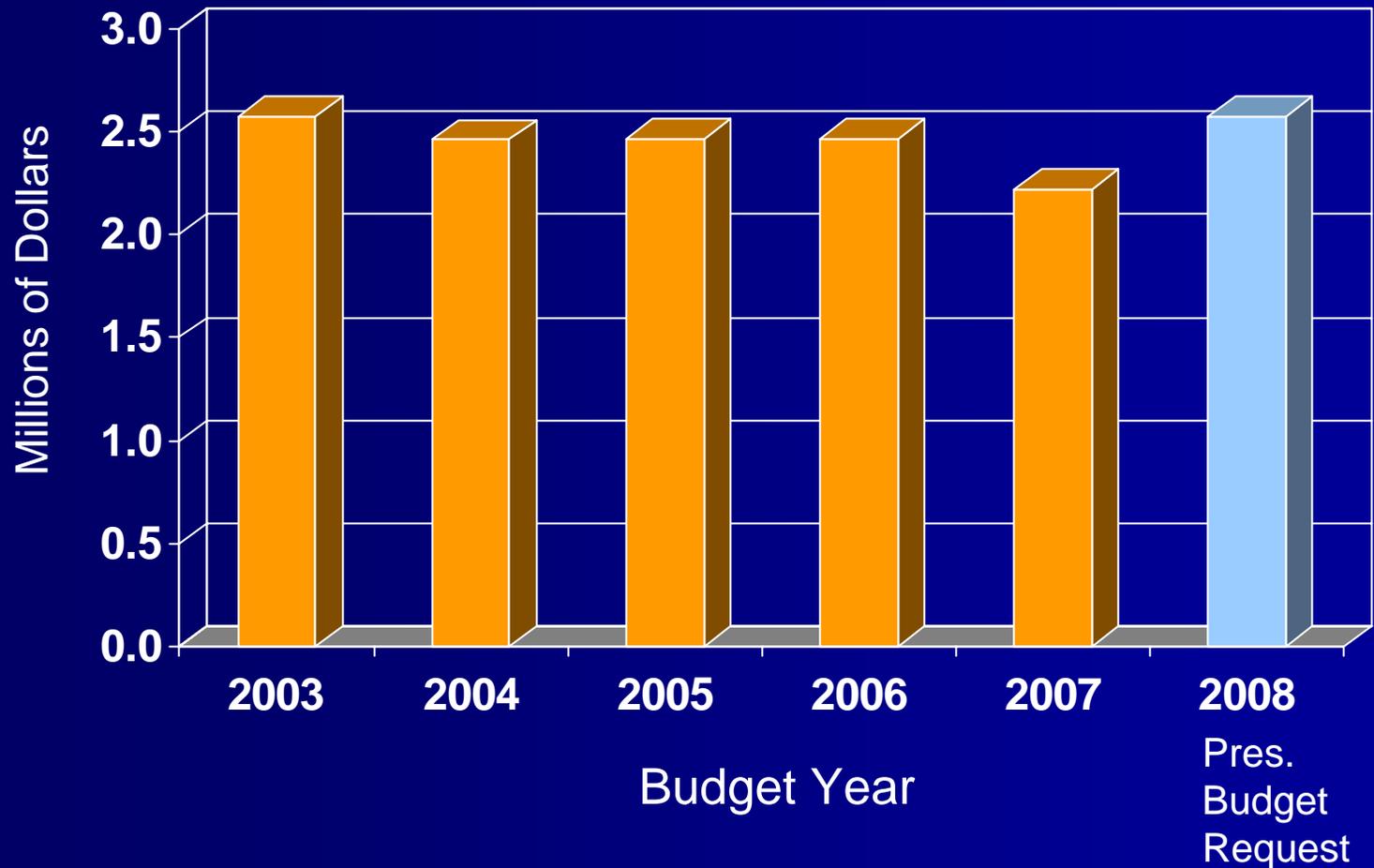
FIS Background: 1996 MSA Reauthorization

- Section 401: Required the creation of an implementation plan for a nationwide:
 - Fishing Vessel Registration System (VRS)
 - Fisheries Information System (FIS)

1998 Report to Congress Plan for a National FIS

- Identify vessels and fishermen and track their performance through time
- Collect a “core” set of fishery-dependent data
 - catch, effort, biological, economic and socio-cultural
- Reduce burden on fishing industry
- Establish regional and/or nationwide standards
- Integrate and coordinate systems within and across regions
- Establish partnership agreements and funding arrangements

Funding for National FIS Initiative



FIS Mission

- NOAA's FIS Program delivers fisheries information collection, management, and dissemination solutions to improve accuracy, completeness, timeliness, and accessibility.
- The Program leverages Federal-State partnerships and investments to provide the information needed to help understand the effects of fishing on living marine resources, and to improve the quality of resource management decisions.

FIS Vision

- A comprehensive, continuously updated time series of well documented, high-quality, easily accessible information on the nation's fisheries that supports living marine resource stewardship.

FIS Program Goals

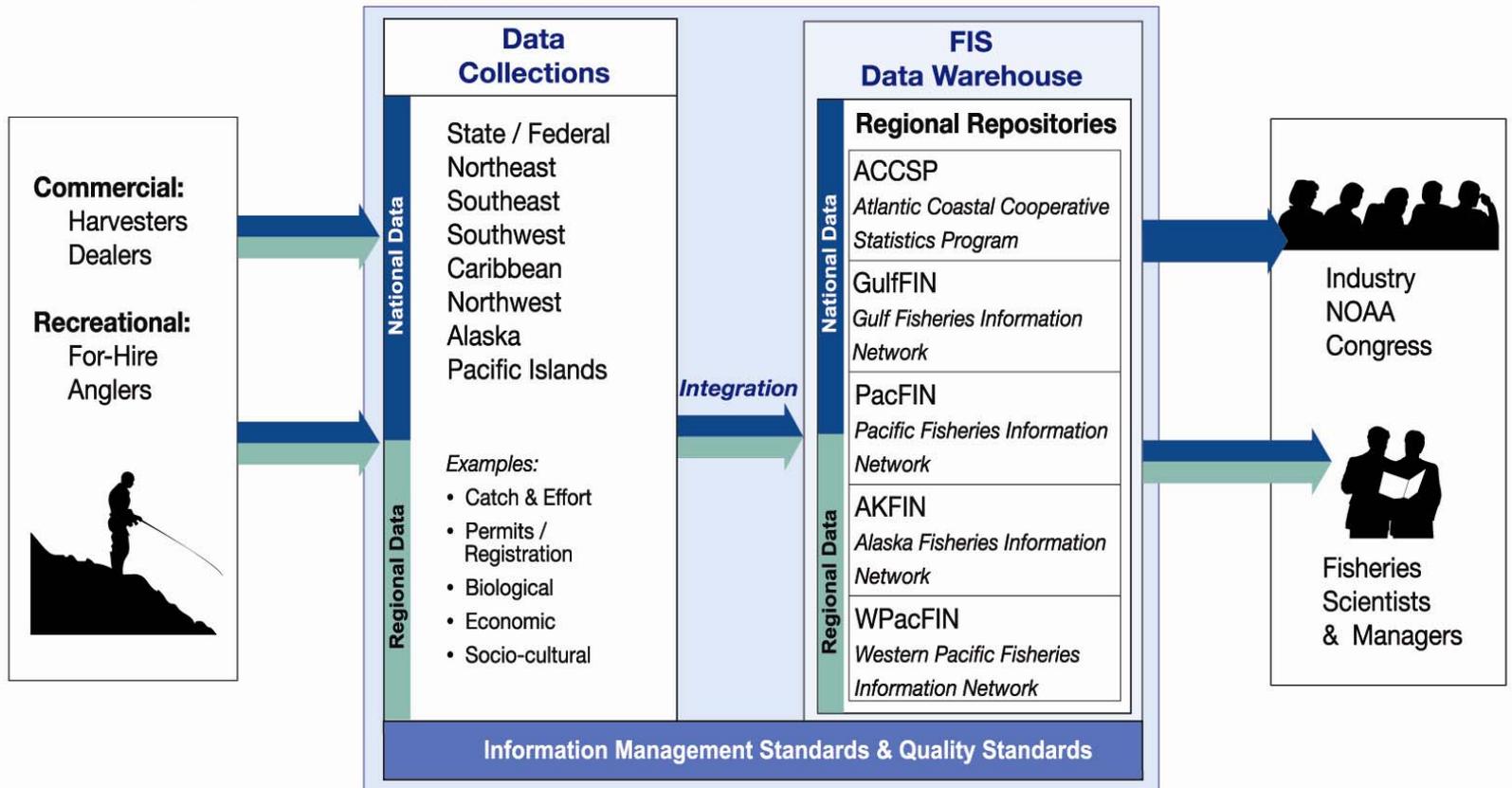
- Expand and adapt data collection to meet current and future needs.
- Build and integrate information management systems within and across regions
- Establish regional and national standards for data collection, management, and dissemination to ensure quality, completeness, timeliness, and accessibility.
- Implement and maintain effective partnerships to support collaboration among stakeholders and to leverage investments across Regions and the nation.

FIS Concept

- Nationwide umbrella framework
 - Integrate and harmonize data collection and information management
 - Develop virtual “system of systems”
- Regional implementation
 - Atlantic (ACCSP)
 - Gulf (GulfFIN)
 - Pacific (PacFIN, Pacific RecFIN)
 - Western Pacific (WPacFIN)
 - Alaska (AKFIN)
- Highly collaborative; stakeholder involvement
- Link data using vessel/participant identifiers

FIS Operational Scenario

National Fisheries Information System (FIS)



Support for NOAA Strategic Plan

■ NOAA Goal Areas:

- **Ecosystems**
- Climate
- Weather and Water
- Commerce and Transportation

■ NOAA Cross-Cutting Priorities:

- **Integrated global environmental observation and data management system**
- Environmental literacy, outreach, and education
- Sound, state-of-the-art research
- International cooperation and collaboration
- Homeland security
- Organizational excellence

FIS Supports EOP

- Fisheries Monitoring & Assessment
 - Fishery-independent surveys
 - Fisheries information system (FIS) program
 - Fishery-dependent surveys of catch and effort
 - Fisheries information management
- Protected Species Monitoring and Assessment
- Ecosystem Monitoring, Assessment, and Forecasting
 - National observer program (NOP)
- Economic and Social Science Monitoring and Assessment
 - Fishery-dependent socioeconomic surveys
- Data Quality, Technology Transfer, Education & Outreach

Funding for FIS Activities Based on FY 2007

- Fish Statistics Base \$12.8M
- AK Groundfish Monitoring \$2.4M
- FIN Programs:
 - PACFIN \$2.7M
 - WPacFIN \$.8M
 - AKFIN \$3.2M
 - RecFIN \$3.4M (Pacific, Atlantic, and Gulf)
 - GulfFIN \$4.5M
 - ACCSP \$3.5M
 - **National FIS \$2.5M**
- EASA – Improve Data Collection \$4M
- FRMP – Recreational Fisheries Information \$1.7M
- **TOTAL - \$41.5M**

National FIS Accomplishments

- Improved National Permits System:
 - New business model with shared component
 - One-stop shopping for permit customers
 - Common registry of fishery participants and vessels
 - Phased regional implementation underway
- FIS Metadata System:
 - Web-based Information Portal (InPort) system
 - Entry of metadata by all partners in progress
 - Creation of a knowledge base of fishery information assets
- Electronic Reporting Systems:
 - Commercial dealer reporting projects
 - Commercial logbook projects
 - Planning of National FIS strategy underway

National FIS Accomplishments

- One-Stop Shop for Dissemination of National Information
 - Pilot implementation for commercial landings integration
- Tools to Facilitate Data Reconciliation
 - Reconciliation of dealer and logbook reports
- Tools for Management of Information Quality
 - Landings, bycatch, and economic data management tools
- Improved Recreational Fishery Survey Methods
 - Pilot studies of angler license directory telephone surveys
- Program Management:
 - Established governance structure, protocols, procedures
 - Managing investments with project selection process
 - Developed program outreach/communications strategies

Ongoing Investments

<u>Projects</u>	<u>Leading Partners</u>
One-Stop Shop: National Commercial Landings Integration	ST, SW, NW, NE, SE, FINs
Information Catalogue: InPort upgrade and maintenance Documentation of holdings / metadata entry	PI, ST All Partners
Common Identifiers: Data reconciliation tools	SW, AK, DR PSG
Electronic Reporting/Registry Systems: National Permits System E-Logbook Certification Pacific Electronic Fish Tickets Electronic Reporting Roadmap	SE, ST, Permits PSG PI, ER PSG NW, PacFIN SW, NE, ER PSG
FIS Architecture	ST
Program Management	ST

Questions?

