



NOAA 101

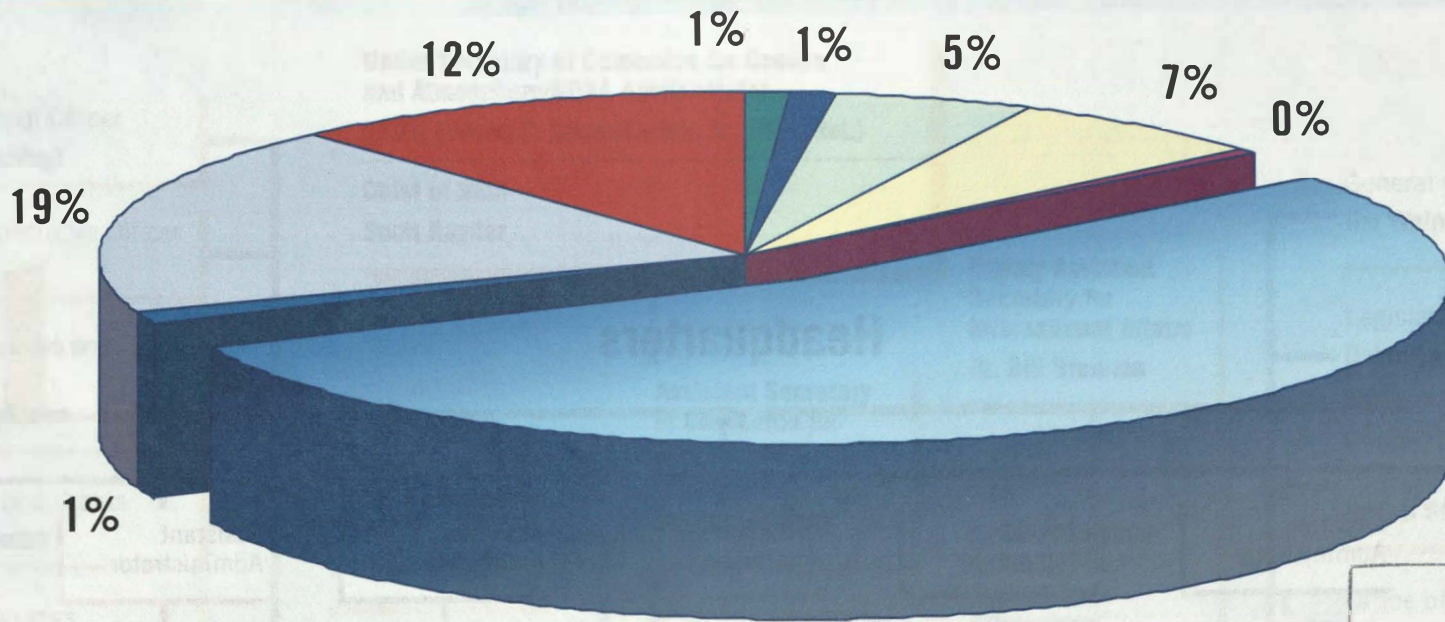
A vertical photograph on the left side of the slide shows the tail of a whale breaching the surface of the ocean. The water is a deep blue, and the sky above is a lighter blue with some white clouds.

NOAA Mission

To understand and predict changes in Earth's environment and conserve and manage coastal and marine resources to meet the Nation's economic, social, and environmental needs.



DOC FY2003 Enacted Bureau Budgets



- \$66,291 ■ Bureau of Industry and Security
- \$71,689 ■ Economics and Statistics Administration
- \$318,680 □ Economic Development Administration
- \$409,513 □ International Trade Administration
- \$28,718 ■ Minority Business Development Agency
- \$3,339,659 ■ NOAA
- \$73,279 ■ National Telecommunications & Information Administration
- \$1,182,000 □ Patent and Trademark Office
- \$717,000 ■ Technology Administration

54%
NOAA

= \$6,206,829B

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National Oceanic & Atmospheric Administration
U.S. Dept. of Commerce

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NOAA Administrative Organization

Headquarters

Assistant Administrator

Oceanic and Atmospheric Research
Dr. Rick Rosen

Assistant Administrator

National Environmental Satellite, Data and Information Service
Greg Withee

Assistant Administrator

National Ocean Service
Dr. Rick Spinrad

Assistant Administrator

National Weather Service
Jack Kelly

Assistant Administrator

Program Planning and Integration
Mary Glackin

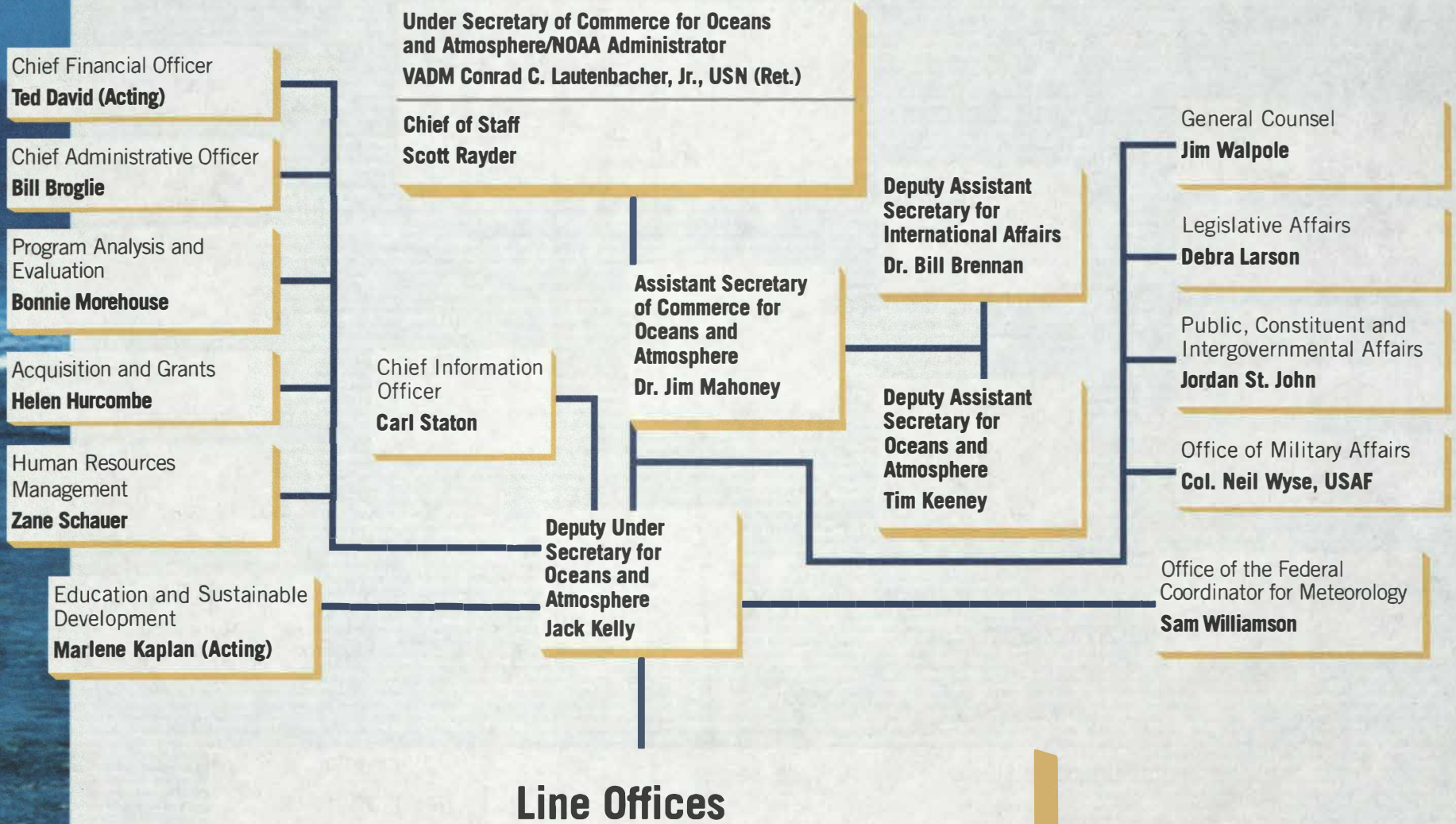
Assistant Administrator

National Marine Fisheries Service
Dr. Bill Hogarth

Director

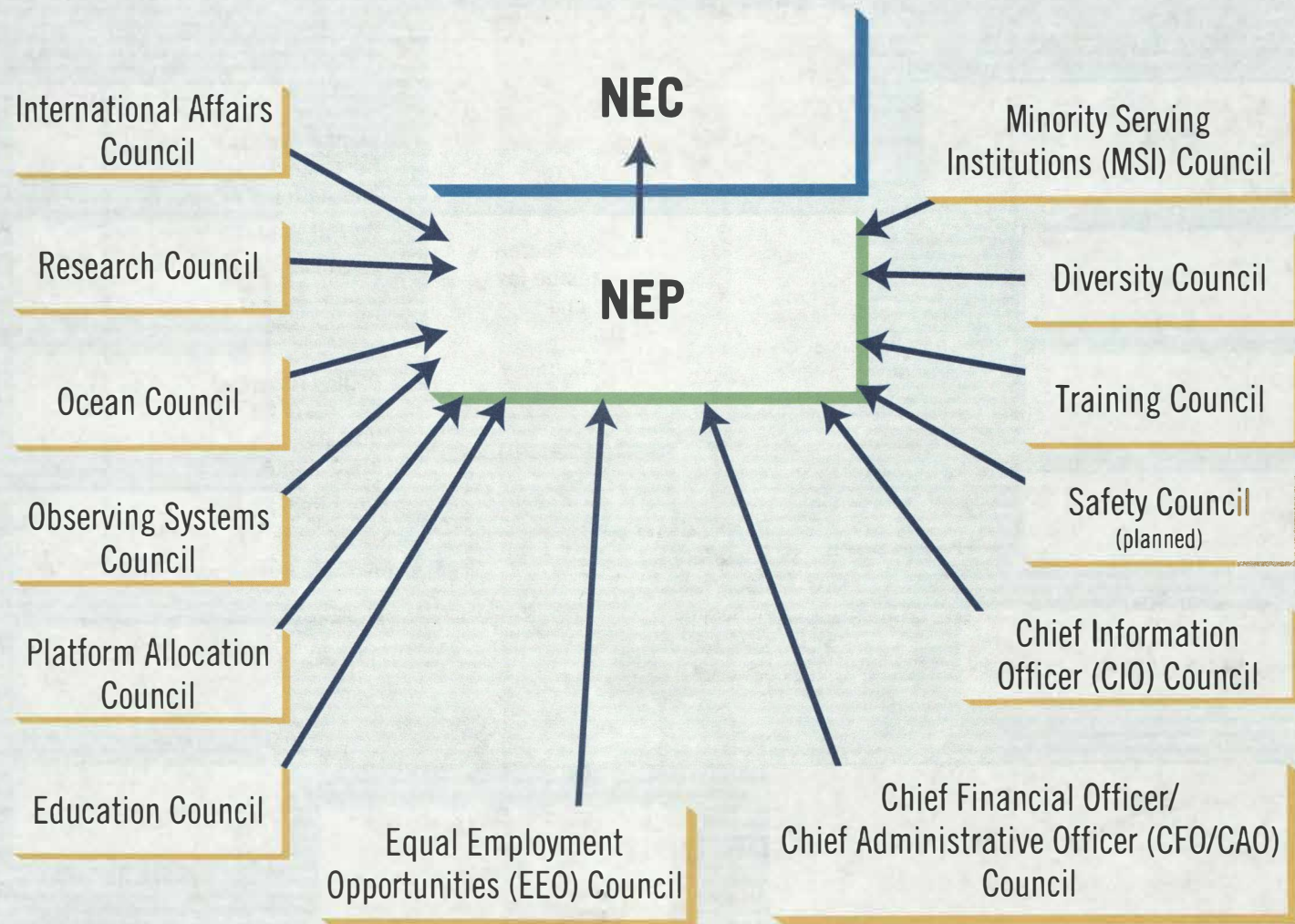
NOAA Marine and Aviation Operations
RADM Nicholas Prah

NOAA Administrative Organization





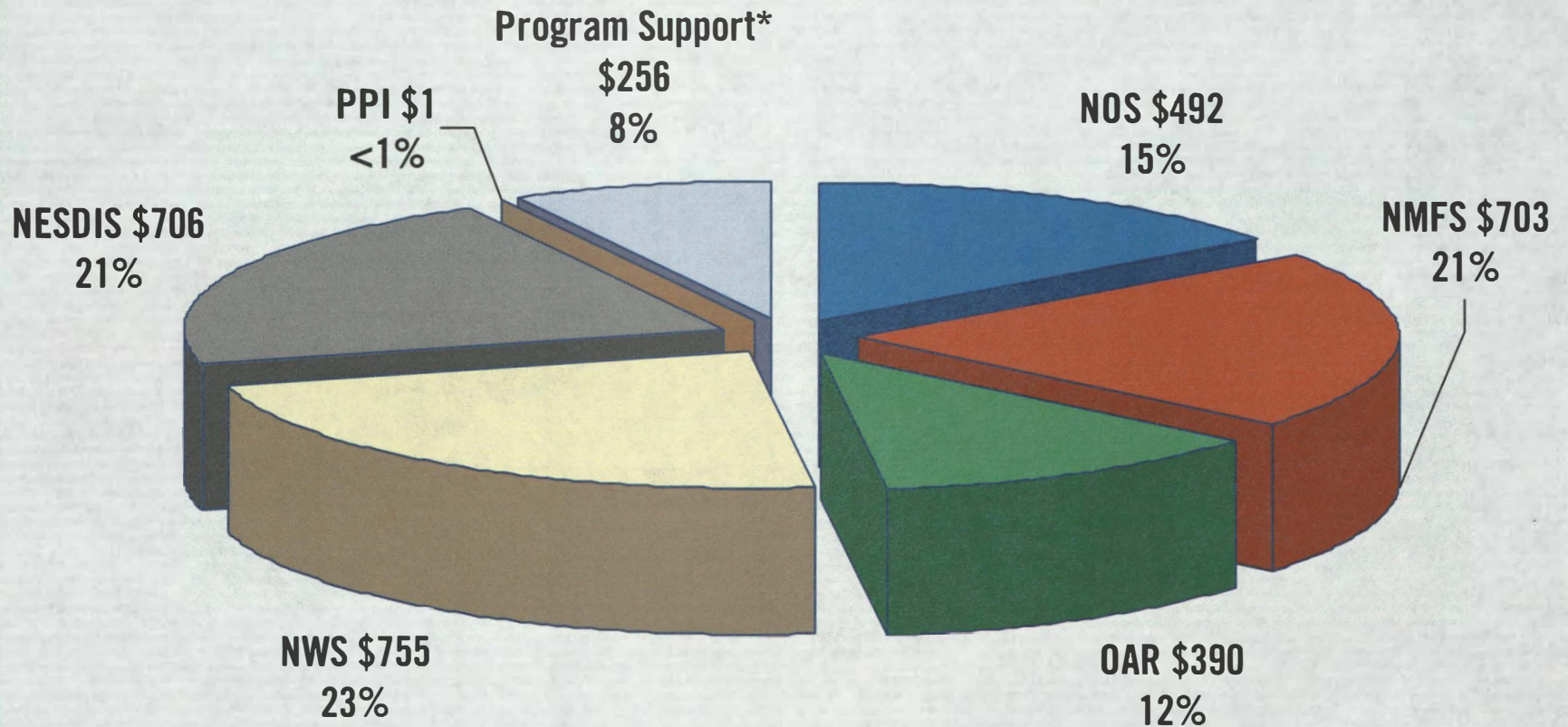
NOAA Business Operations



DRAFT

NOAA Line Office Budgets

FY 2003 Appropriation
(Dollars in Thousands ORF and PAC only)

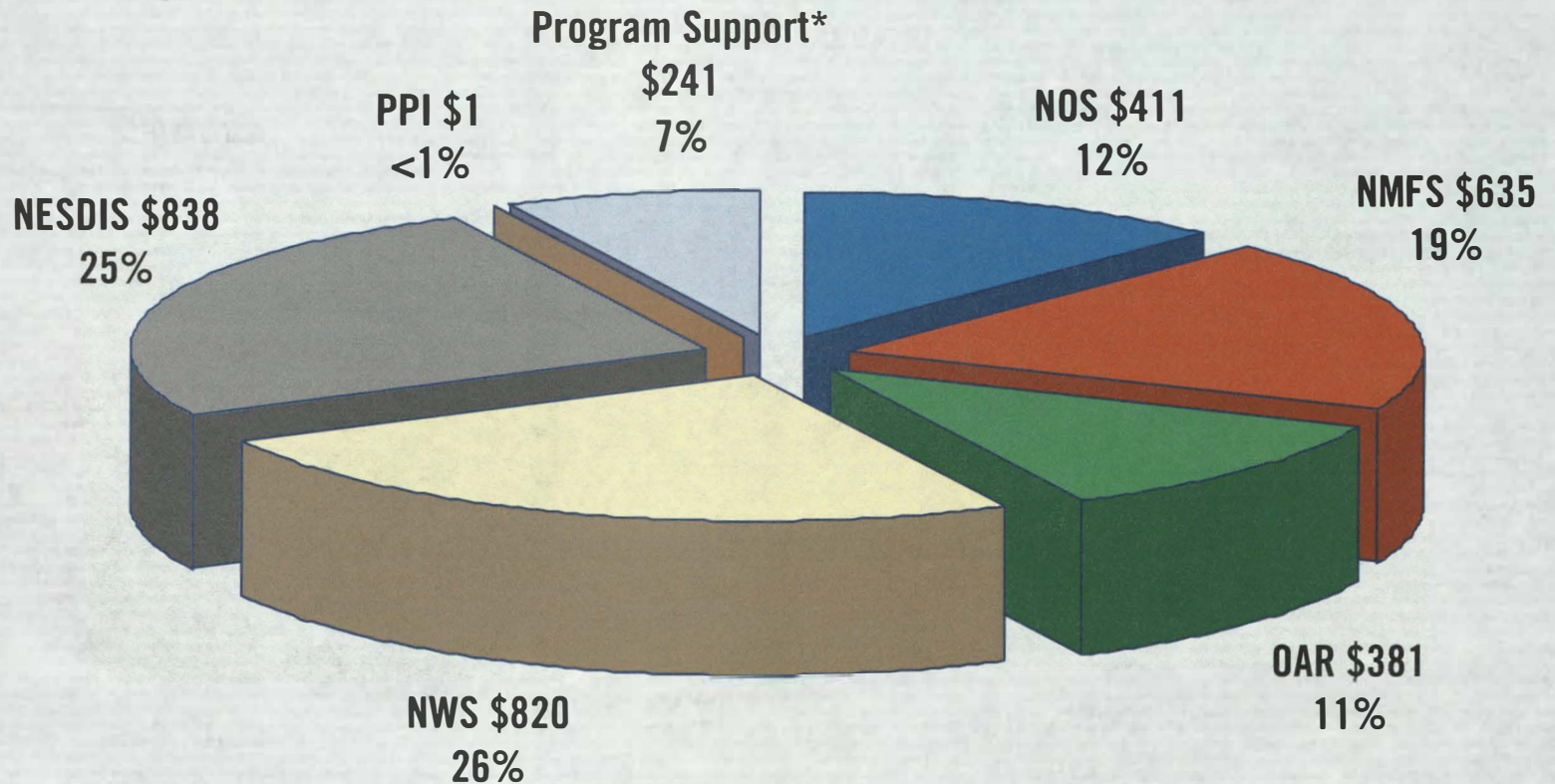


Total = \$3,302,355 M

*including NMAO, USAO, NFA, Facilities

NOAA Line Office Budgets

FY 2004 President's Request
(Dollars in Thousands ORF and PAC only)

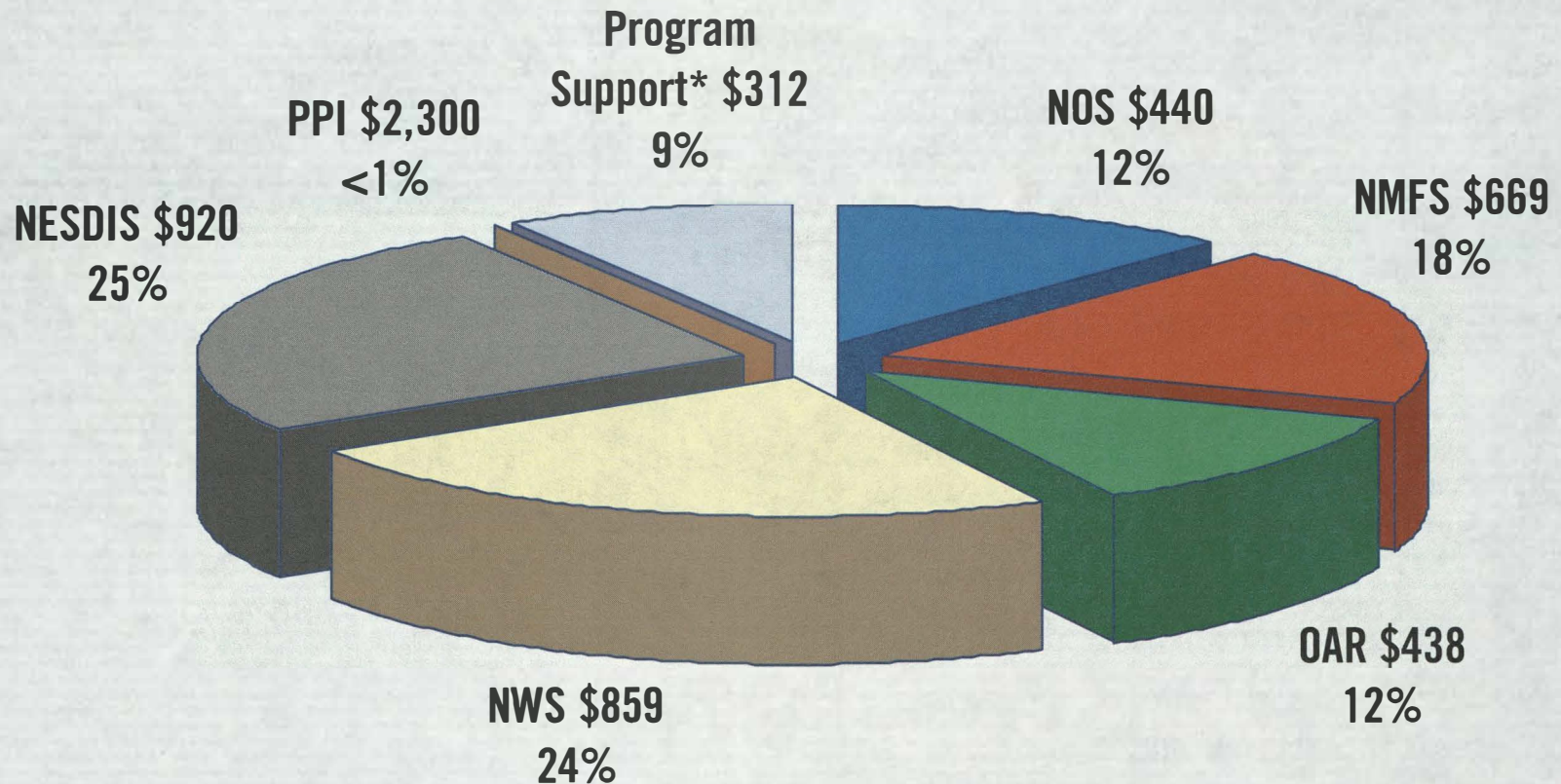


Total = \$3,326,699 M

*including NMAO, USAO, Facilities

NOAA Line Office Budgets

FY 2005 OMB Submission
(Dollars in Thousands ORF and PAC only)

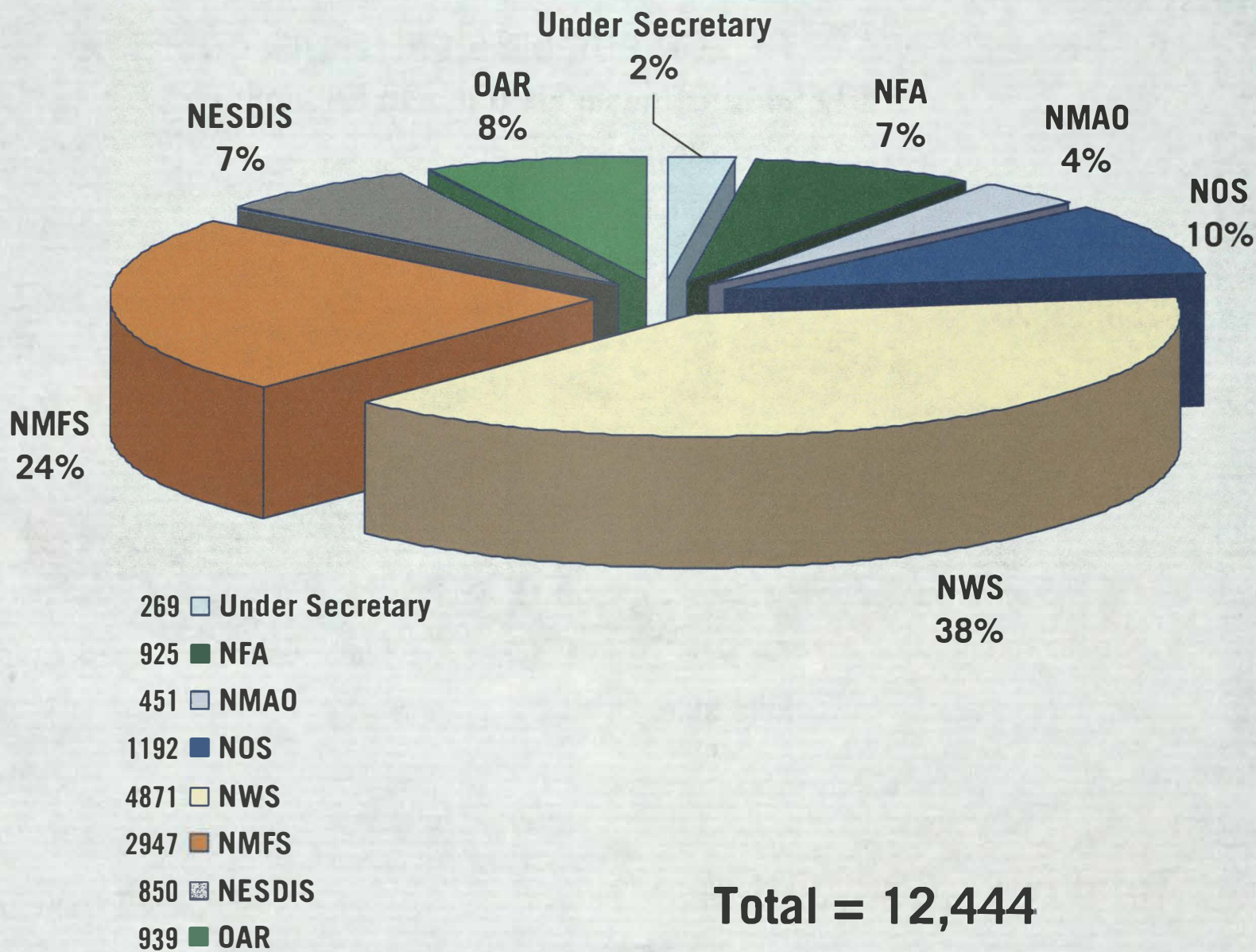


Total = \$3,638,876 M

*including NMAO, USAO, Facilities



Full Time Equivalents per Line Office



NOAA's Strategic Plan

Ecosystems

Climate

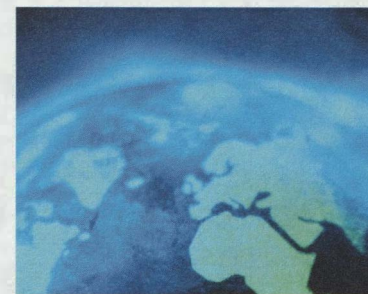
Weather and Water

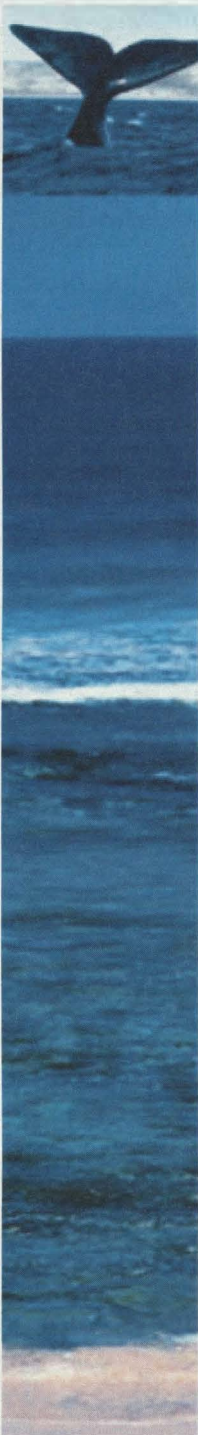
Commerce and Transportation

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





NOAA's Operational Structure

NOAA Program Manager List

Version Date: 8/26/2003

Goal	Program (Matrix Programs Shown In Bold, Blue Text)	Program Manager
Goal 1: Ecosystems		Mike Sissenwine (NMFS)
	Habitat Restoration	Rollie Schmitt (NMFS)
	Corals	David Kennedy (NOS)
	Protected Areas	Jamie Hawkins (NOS)
	Coastal Resource Management	Doug Brown (NOS)
	Invasive Species	Ron Baird (OAR)
	Undersea Research and Exploration	Craig McLean (OAR)
	Protected Species Management	Laurie Allen (NMFS)
	Fisheries Management	Jack Dunnigan (NMFS)
	Aquaculture	Connie Mahnken (NMFS)
	Enforcement	Dale Jones (NMFS)
	Ecosystem Research	Bill Fox (NMFS)
Goal 2: Climate		Mary Glackin (PPI) [1]
	Climate	Mary Glackin (PPI) [1]
Goal 3: Weather and Water		Jack Hayes (NWS)
	Local Forecasts and Warnings	Greg Mandt (NWS)
	Tropical Storm Program	Ed Rappaport (NWS)
	Space Weather	Ernie Hildner (OAR)
	Hydrology - Rivers, Lakes, and Floods	Gary Carter (NWS)
	Air Quality	Jim Meagher (OAR)
	Environmental Modeling	Don Scavia (NOS)
	Weather Water Science and Technology Infusion Program	Frank Kelly (NWS)
Goal 4: Commerce and Transportation		Charlie Challstrom (NOS)
	Marine Transportation Systems	Rich Edwing (NOS)
	Aviation Weather	Mark Andrews (NWS)
	Marine Weather	Paul Moersdorf (NWS)
	Geodesy	Dave Zilkoski (NOS)
	NOAA Emergency Response	David Kennedy (NOS) [2]
	Commercial and Remote Sensing Licensing	Tim Stryker (NESDIS)
	Commerce and Transportation Science and Technology Program	Mike Gibson (NOS)
Programs to Support All Goals		
	Homeland Security	Phil Kenul (CIO)
	NOAA Management	Rich Behn (USAO)
	Geostationary Satellite Acquisition	Gary Davis (NESDIS)
	Polar Satellite Acquisition	John Cunningham (NESDIS)
	Fleet Services and Acquisition	Bob Taylor (NMAO)
	Satellite Services	Michael Matson (NESDIS) [3]
	Facilities	William Broglie (NFA)
	Administrative Services	William Broglie (NFA)
	IT Services	Carl Staton (CIO)
Notes		
	[1] Acting	
	[2] Ajay Mehta (NESDIS) will serve as the Deputy Program Manager; duties for both will be developed	
	[3] Lead is the Director of the Office of Satellite Data Processing and Distribution; Michael is acting.	

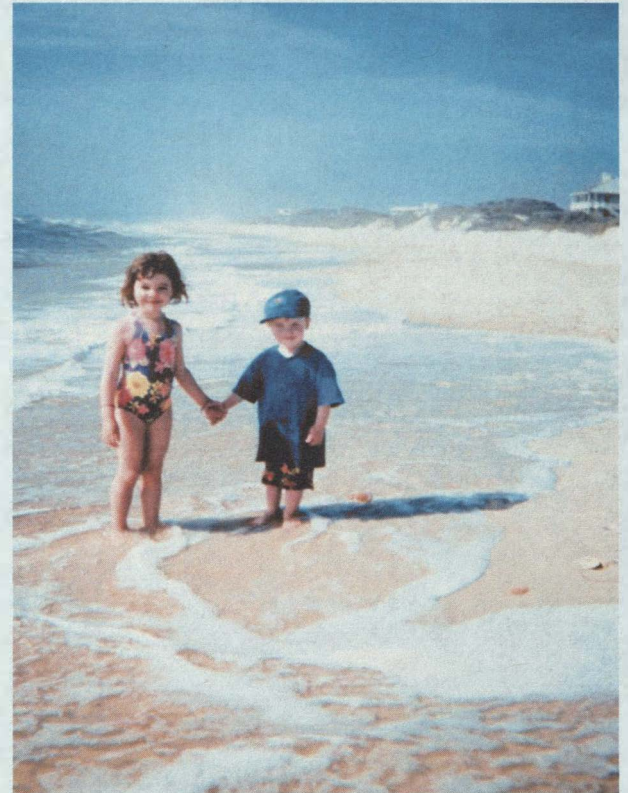


NOAA Oceans & Coasts

Mission

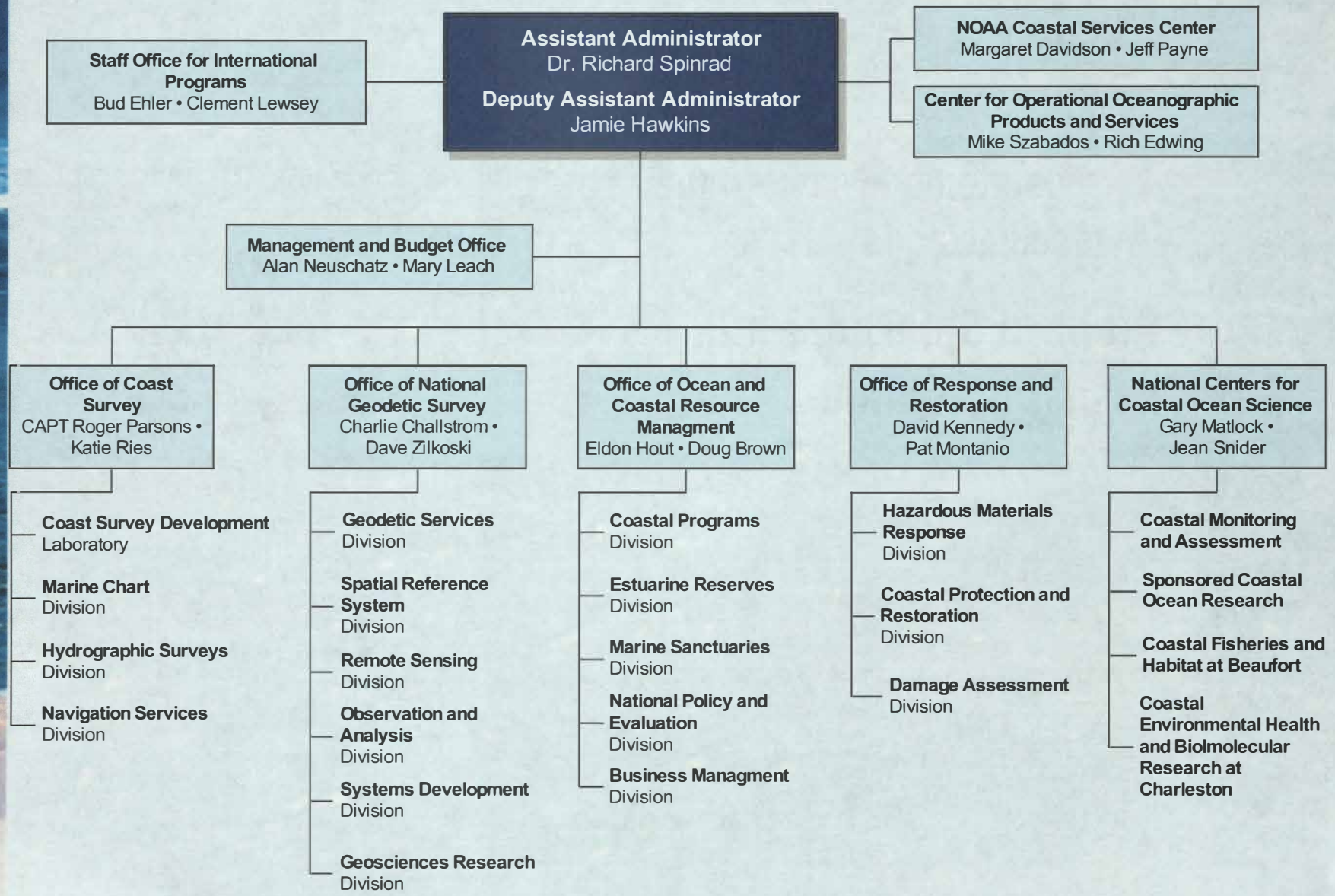
To manage society's uses of coastal ecosystems to sustain their natural resources and services

**Richard Spinrad, Ph.D.
Assistant Administrator**





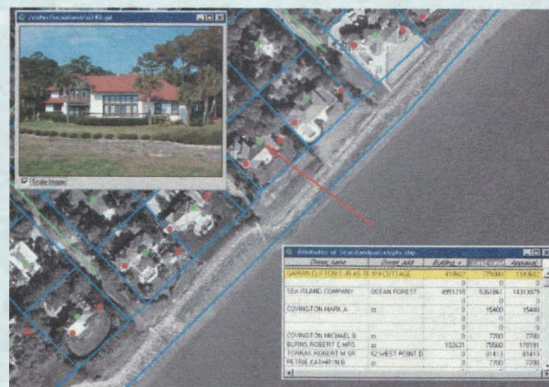
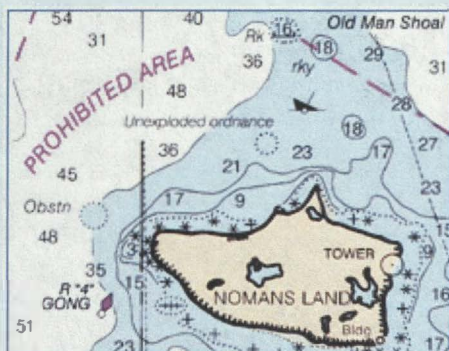
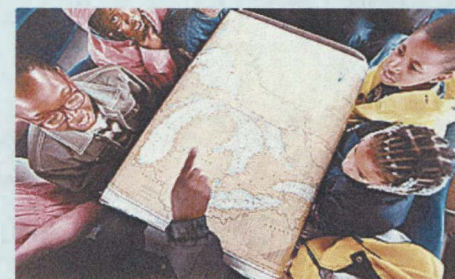
NOAA Oceans & Coasts



NOAA Oceans & Coasts

Major Programs...

- Coastal Resource Management and Protected Areas
- Mapping, Charting, and Navigation
- Coastal Ocean Science
- Response and Restoration





NOAA Oceans & Coasts

How We Fit In NOAA...

Goal 1: Ecosystems

- Habitat Restoration
- Corals
- Protected Areas
- Coastal Resource Management
- Undersea Research and Exploration
- Ecosystem Research

Goal 3: Weather and Water

- Environmental Modeling
- Weather Water Science and Technology Infusion Program

Goal 4: Commerce & Transportation

- Marine Transportation Systems
- Geodesy
- NOAA Emergency Response
- Commerce and Transportation Science and Technology Program

Programs to Support All Goals

- Homeland Security
- Facilities

**Indicates Matrix
Managed Lead**

NOAA Fisheries

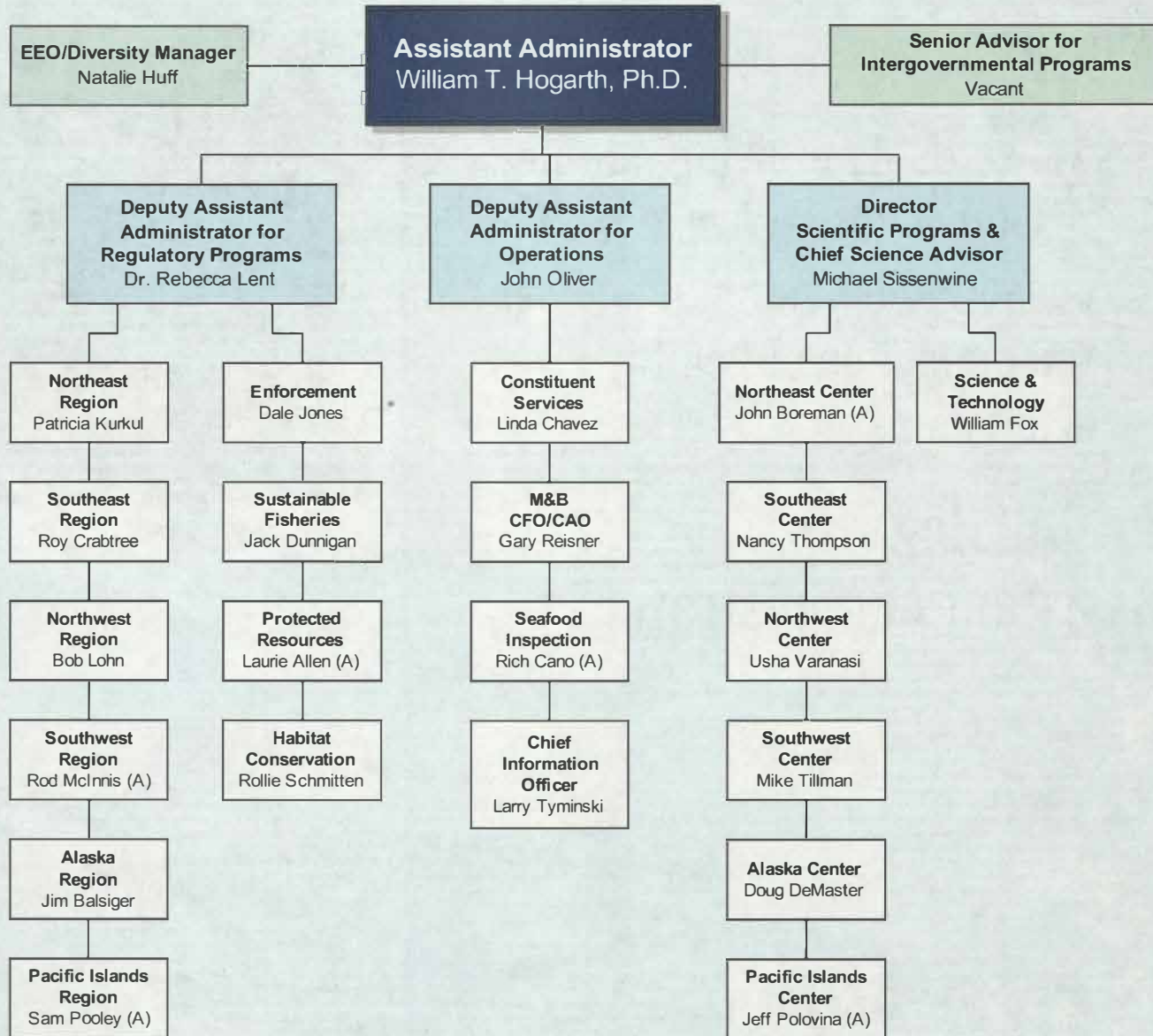
Mission

Stewardship of living marine resources through science-based conservation and management and the promotion of healthy ecosystems.

**Dr. Bill Hogarth,
Assistant Administrator**



NOAA Fisheries



NOAA Fisheries

Major Programs...

Fisheries Management

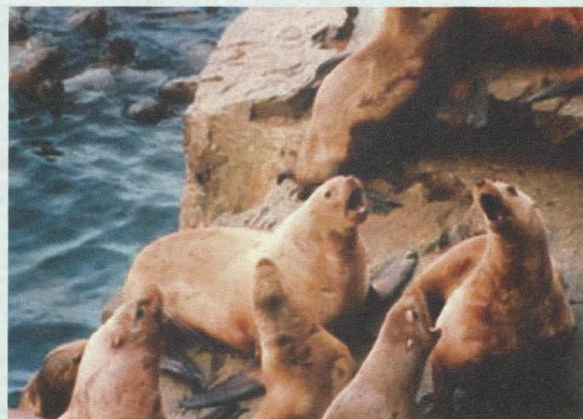
- Magnuson-Stevens Act

Protected Resources

- Endangered Species Act
- Marine Mammal Protection Act

Habitat

- Conservation
- Protection
- Restoration





NOAA Fisheries

How We Fit In NOAA...

Goal 1: Ecosystems

- Habitat Restoration
- Corals
- Invasive Species
- Protected Species Management
- Fisheries Management
- Aquaculture
- Enforcement
- Ecosystem Research

Goal 2: Climate

- Assess and Predict

Programs to Support All Goals

- Facilities
- Homeland Security

**Indicates Matrix
Managed Lead**



NOAA Research

Mission

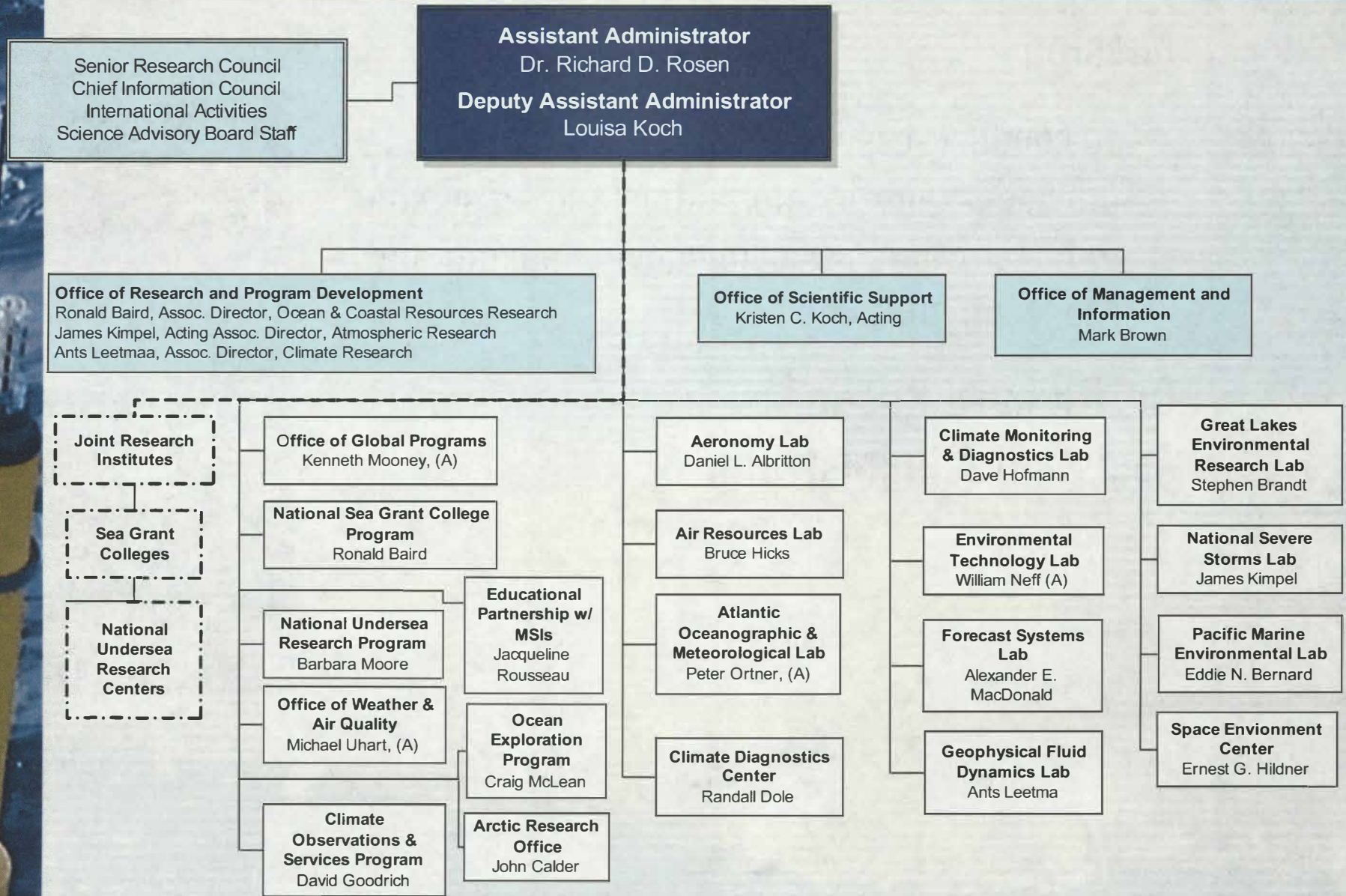
To conduct research, develop products, and provide scientific information and leadership to foster NOAA's evolving environmental and economic mission.

**Dr. Richard Rosen,
Assistant Administrator**





NOAA Research

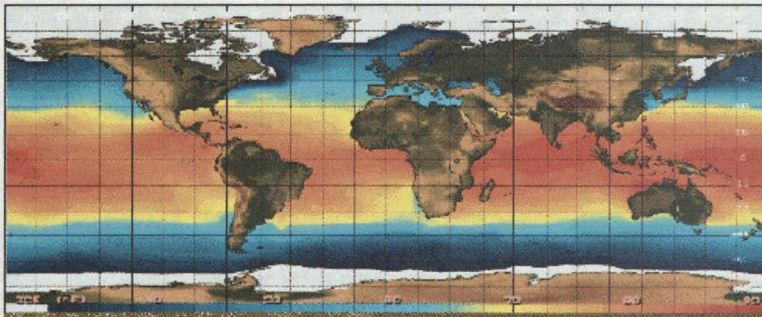


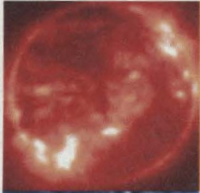


NOAA Research

Major Programs...

- Climate Products
- Weather & Air Quality Products
- Ocean, Coastal, Great Lakes Products





NOAA Research

How We Fit in NOAA...

Goal 1: Ecosystems

- Corals
- Coastal Resource Management
- Invasive Species
- Undersea Research & Exploration
- Fisheries Management
- Aquaculture
- Ecosystem Research

Goal 2: Climate

- Climate

Goal 3: Weather and Water

- Local Forecasts and Warnings
- Space Weather
- Air Quality
- Environmental Modeling
- Weather Water Science and Technology Infusion Program
- Programs to Support All Goals
- Infrastructure: EPP/MSI

Programs to Support All Goals

- Homeland Security

Indicates Matrix
Managed Lead





NOAA's National Weather Service

Mission

The National Weather Service provides weather water and climate forecasts and warnings for the United States, its territories, adjacent waters, and ocean areas for the protection of life and property and the enhancement of the national economy. NWS data and products form a national information database and infrastructure which can be used by other governmental agencies, the private sector, the public, and the global community.

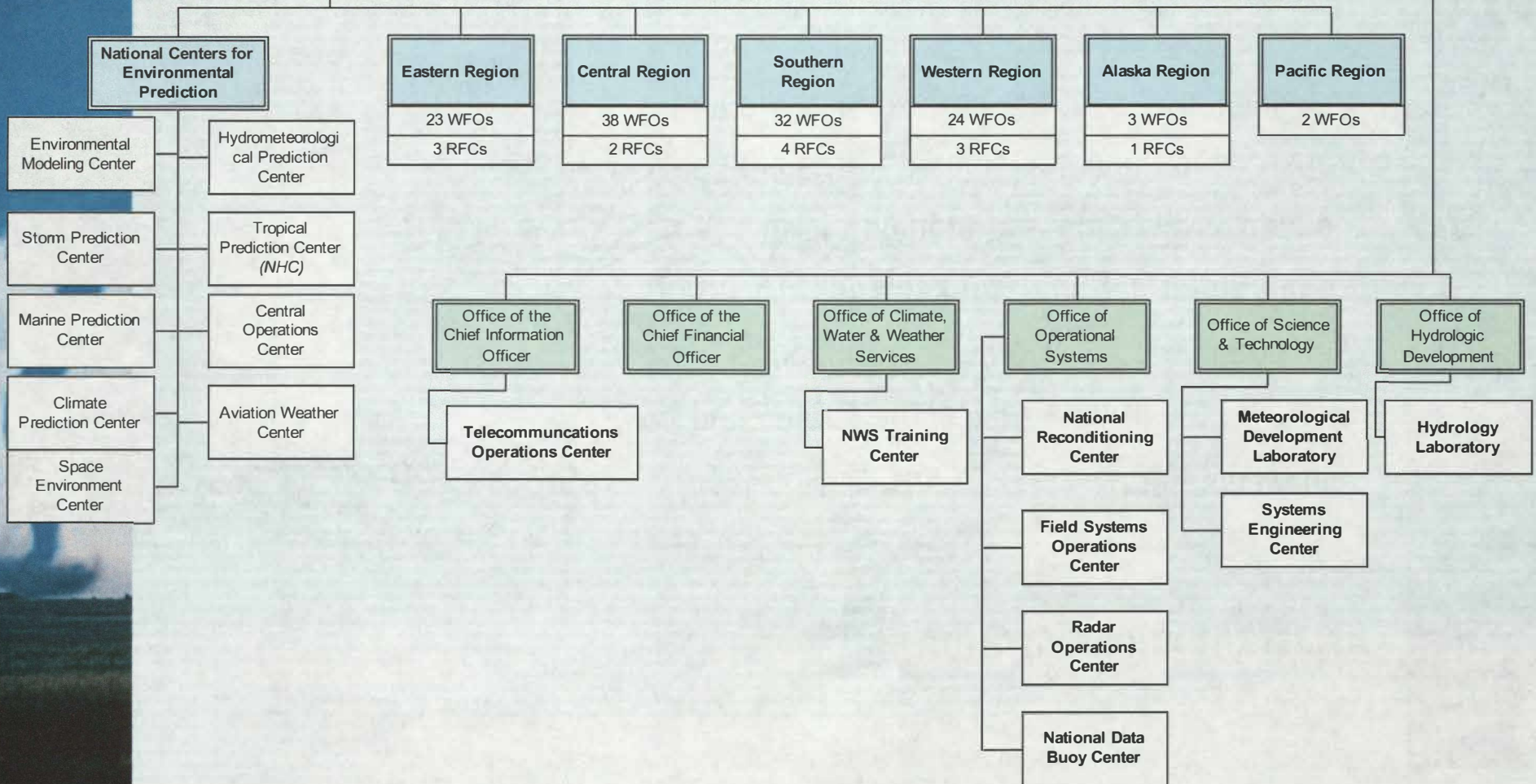
**Jack Kelly,
Assistant Administrator**





NOAA's National Weather Service

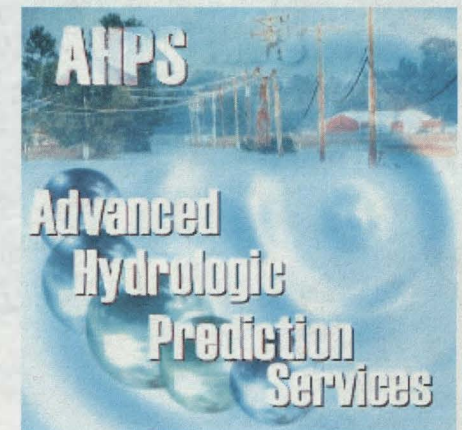
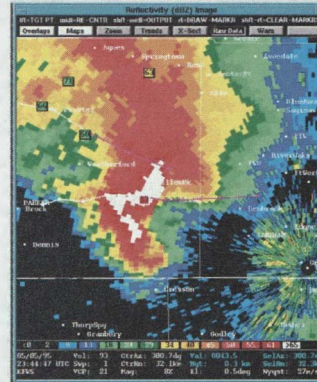
Office of the Assistant Administrator for Weather Services



NOAA's National Weather Service

Major Programs...

- Climate Forecasting/Services
- Ocean/Marine Forecasting/Services
- Observations (Satellite, Ocean)
- Advanced Hydrologic Prediction Service
- Air Quality Forecasting
- Environmental Modeling
- Science and Technology Infusion
- Tropical Weather
- Homeland Security
(All-Hazards Weather Radio, Dispersion Modeling)





NOAA's National Weather Service

How We Fit In NOAA...

Goal 2: Climate

- Climate

Goal 3: Weather and Water

- Local Forecasts and Warnings
- Tropical Storm Program
- Space Weather
- Hydrology - Rivers, Lakes, and Floods
- Air Quality
- Environmental Modeling
- Weather Water Science and Technology Infusion Program

Goal 4: Commerce & Transportation

- Marine Transportation Systems
- Aviation Weather
- Marine Weather
- NOAA Emergency Response
- Commerce and Transportation Science and Technology Program

Programs to Support All Goals

- Homeland Security
- Facilities

**Indicates Matrix
Managed Lead**



NOAA Satellites & Information Service

Mission

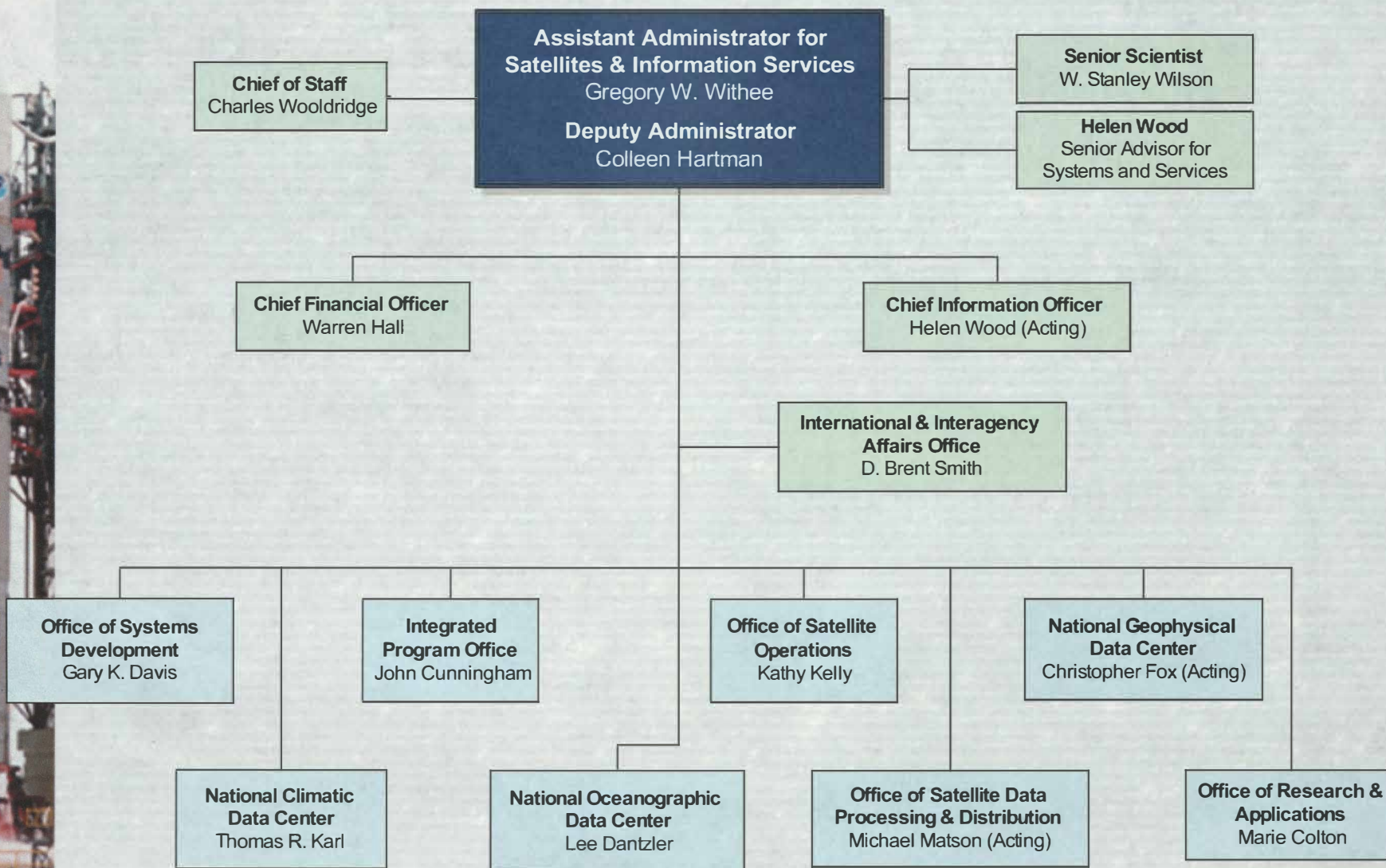
To provide timely access to global environmental data and information services from satellites and other sources in support of the larger NOAA mission.

**Greg Withee,
Assistant Administrator**





NOAA Satellites & Information Service

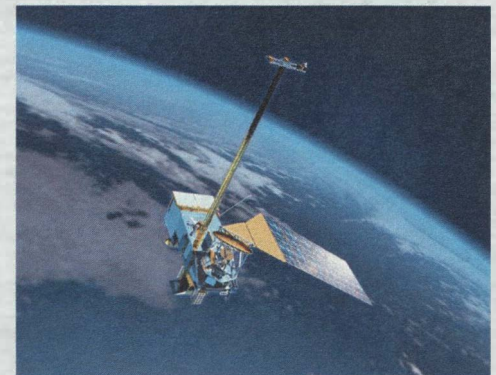
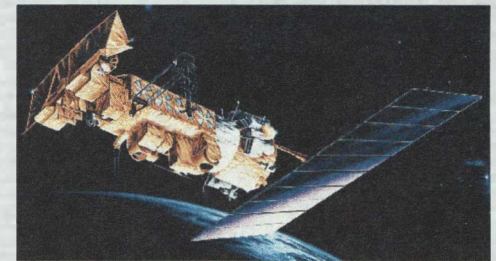
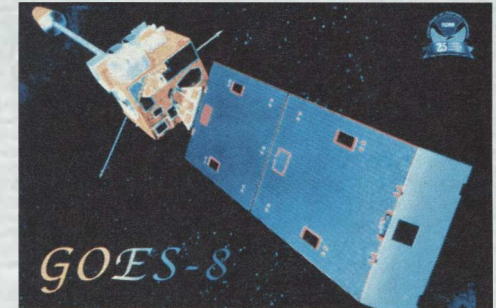




NOAA Satellites & Information Service

Major Programs...

- Geostationary Operational Environmental Satellite (GOES)
- Polar-orbiting Operational Environmental Satellite (POES)
- National Polar-orbiting Operational Environmental Satellite System (NPOESS)
- Environmental Satellite Observing Services
- Environmental Data Management





NOAA Satellites & Information Service

How We Fit In NOAA...

Goal 1: Ecosystems

- Corals
- Coastal Resource Management

Goal 2: Climate

- Climate

Goal 3: Weather and Water

- Environmental Modeling

Goal 4: Commerce & Transportation

- Marine Transportation Systems
- Marine Weather
- NOAA Emergency Response
- Commercial and Remote Sensing Licensing

Programs to Support All Goals

- Geostationary Satellite Acquisition
- Polar Satellite Acquisition
- Satellite Services
- Homeland Security

**Indicates Matrix
Managed Lead**





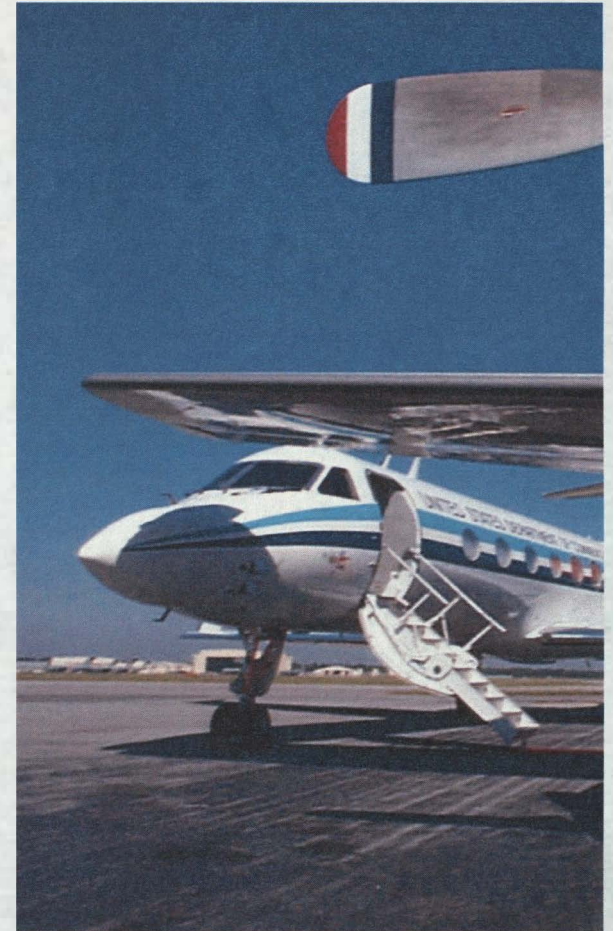
NOAA Marine & Aviation Operations

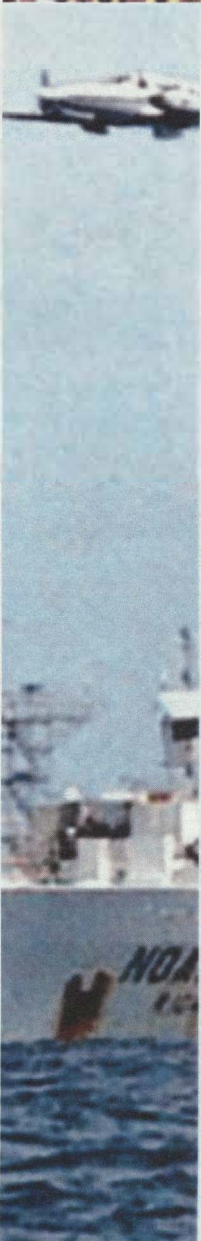


Mission

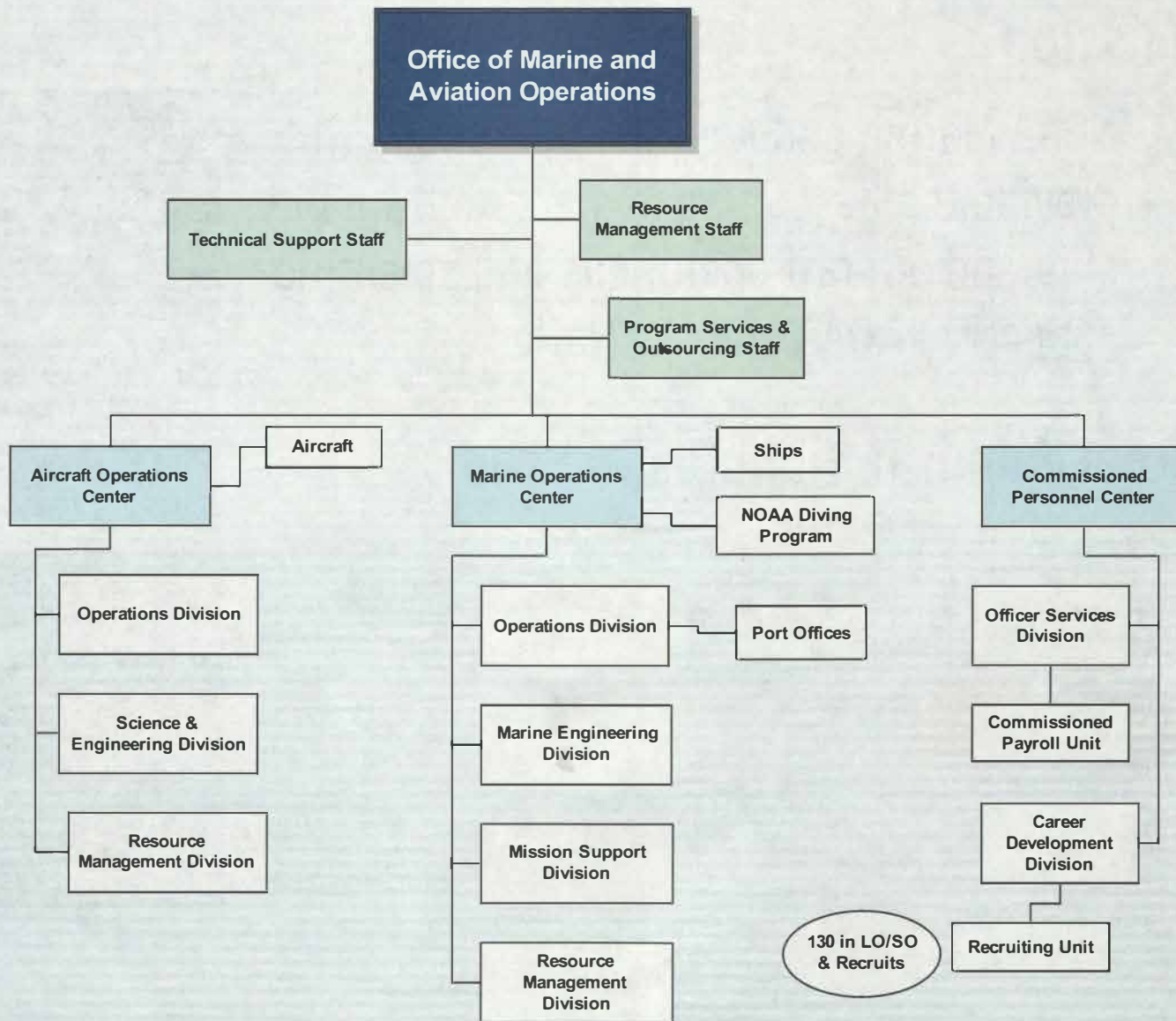
NOAA Marine and Aviation Operations will provide the best value in safe, high-quality ship and aircraft operations and scientific support to NOAA and the Nation.

Rear Admiral Nicholas A. Prahl,





NOAA Marine & Aviation Operations



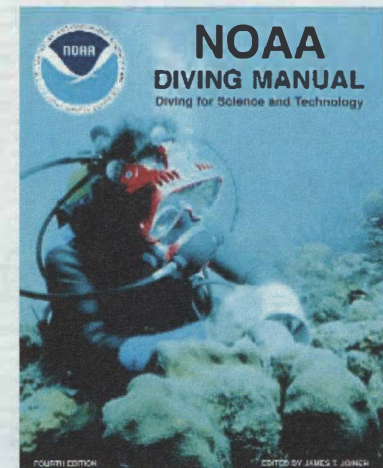
NOAA Marine & Aviation Operations

Major Programs

- Operational Management of:
 - 16 NOAA Ships
 - 13 NOAA Aircraft
 - NOAA Diving

- Program Support with 250 Commissioned Officers

- NOAA's primary source of expertise for ship and aircraft charters, particularly the safety aspects





NOAA Marine & Aviation Operations



How We Fit In NOAA...

NMAO provides a research, operational and observation platform supporting all line offices and NOAA goals

Programs to Support All Goals

- **Fleet Services and Acquisition**
- **Homeland Security**



**Indicates Matrix
Managed Lead**



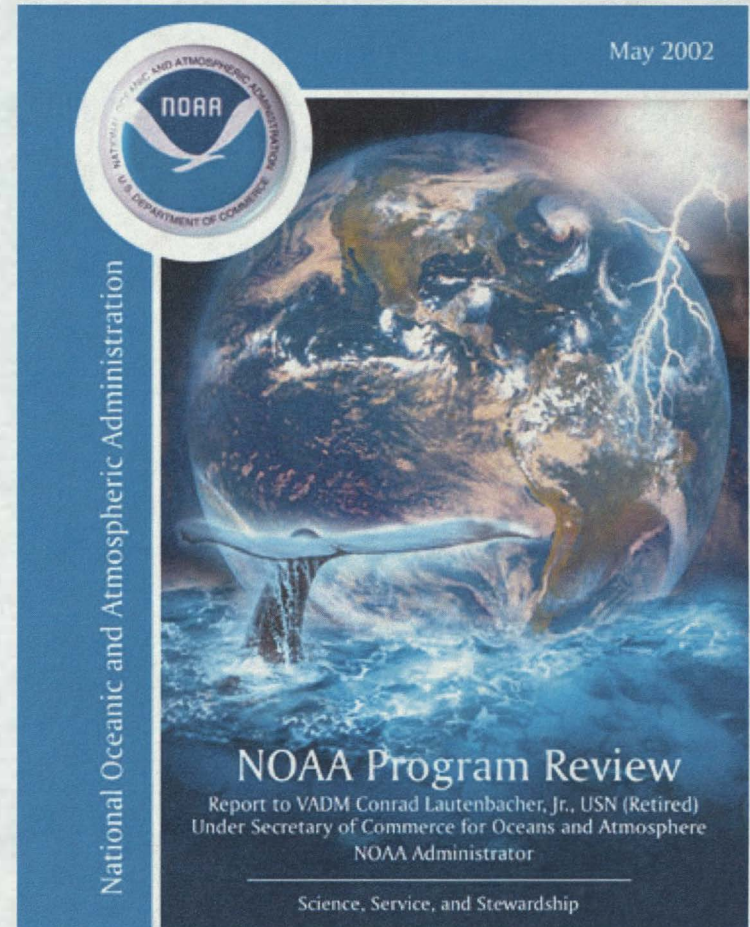
Program Planning and Integration

Mission

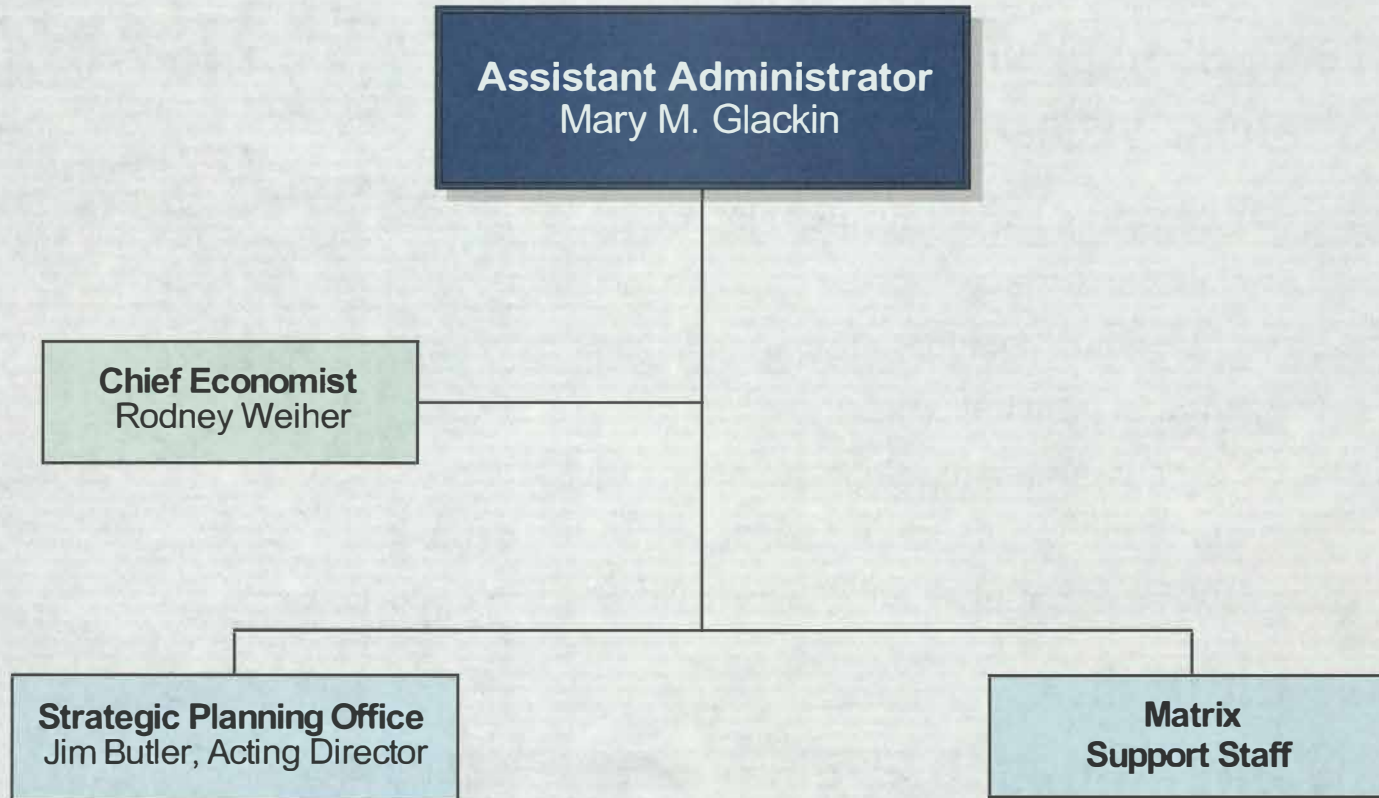
Lead the implementation of NOAA's Strategic Vision by:

- Developing and evolving NOAA's Strategic Plan
- Managing designated programs using matrix principles
- Promoting the development of effective program by integrating talent, resources, and capacity across NOAA

Mary Glackin,
Assistant Administrator



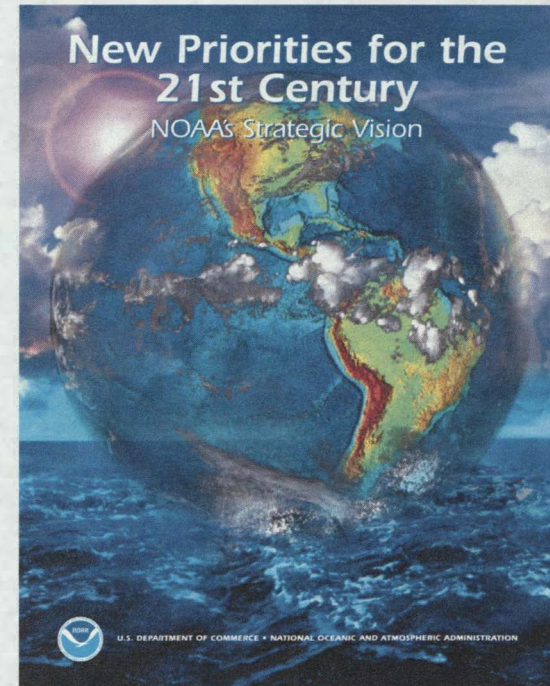
Program Planning and Integration



Program Planning and Integration

Major Programs...

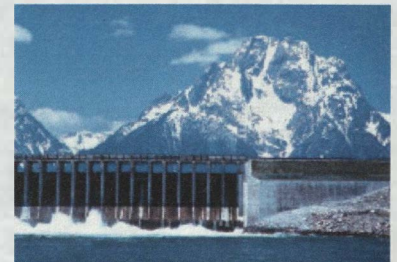
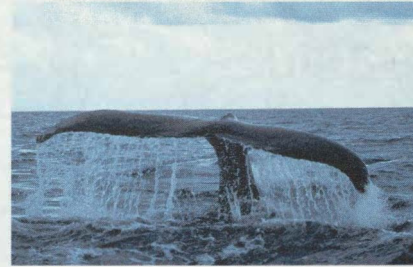
- Strategic Planning
- Matrix Management Support
- NEPA Coordination
- Socio-Economic Analysis



Program Planning and Integration

How We Fit In NOAA...

- Goal Teams
(e.g., Ecosystems)
- Matrix Programs
(e.g., Habitat Restoration)
- Councils and Committees
(e.g., Ocean Council)
- Special Themes
(e.g., Water Resources)

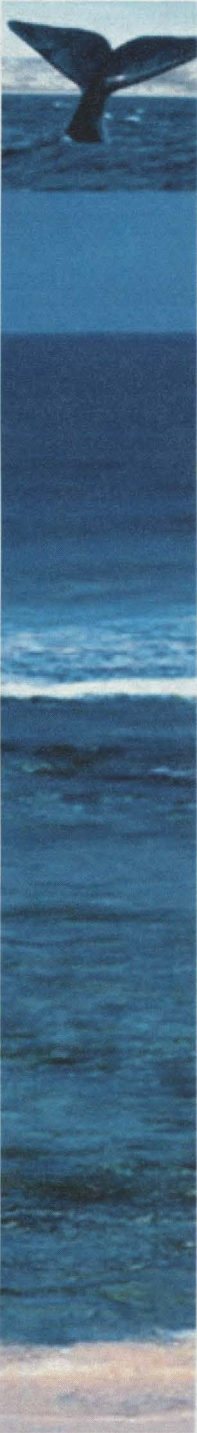


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Program Planning and Integration

Emerging Issues in PPI

- Reconciling Roles and Responsibilities among Line Offices, Goals, Programs, and Councils
- Institutionalizing Performance Measurement
- Maturing matrix management at NOAA



NOAA's Emerging Issues

Earth Observation Activities

U.S. Commission on Ocean Policy Report Response

Climate Program (CCSP)

White Water to Blue Water

Role of Government, Private Sector

Magnuson-Stevens Reauthorization

Coastal Zone Management Act Reauthorization and Federal Consistency

Data and Information Management

Marine Protected Areas and Marine Resources

NOAA Ship and Aircraft Maintenance and Modernization

Highly Skilled Employee Recruitment and Retention (wage mariners)

Potential U.S. Air Force C-130 Hurricane Aircraft Transfer

Essential Fish Habitat Implementation

National Bycatch Strategy Regional Implementation

Marine Transportation System Modernization

Research to Operations Transition

Redefining Research within NOAA

NOAA N Prime Action Plan

Ecosystem Management

Water Resources

Air Quality

Brownfields/Portfields

Aquaculture

Invasive Species

Increased Demand for Climate Services