



NMFS Enterprise Data Management

**3rd Annual NOAA
Environmental Data
Management Conference**

May 16, 2012
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If you
died today,

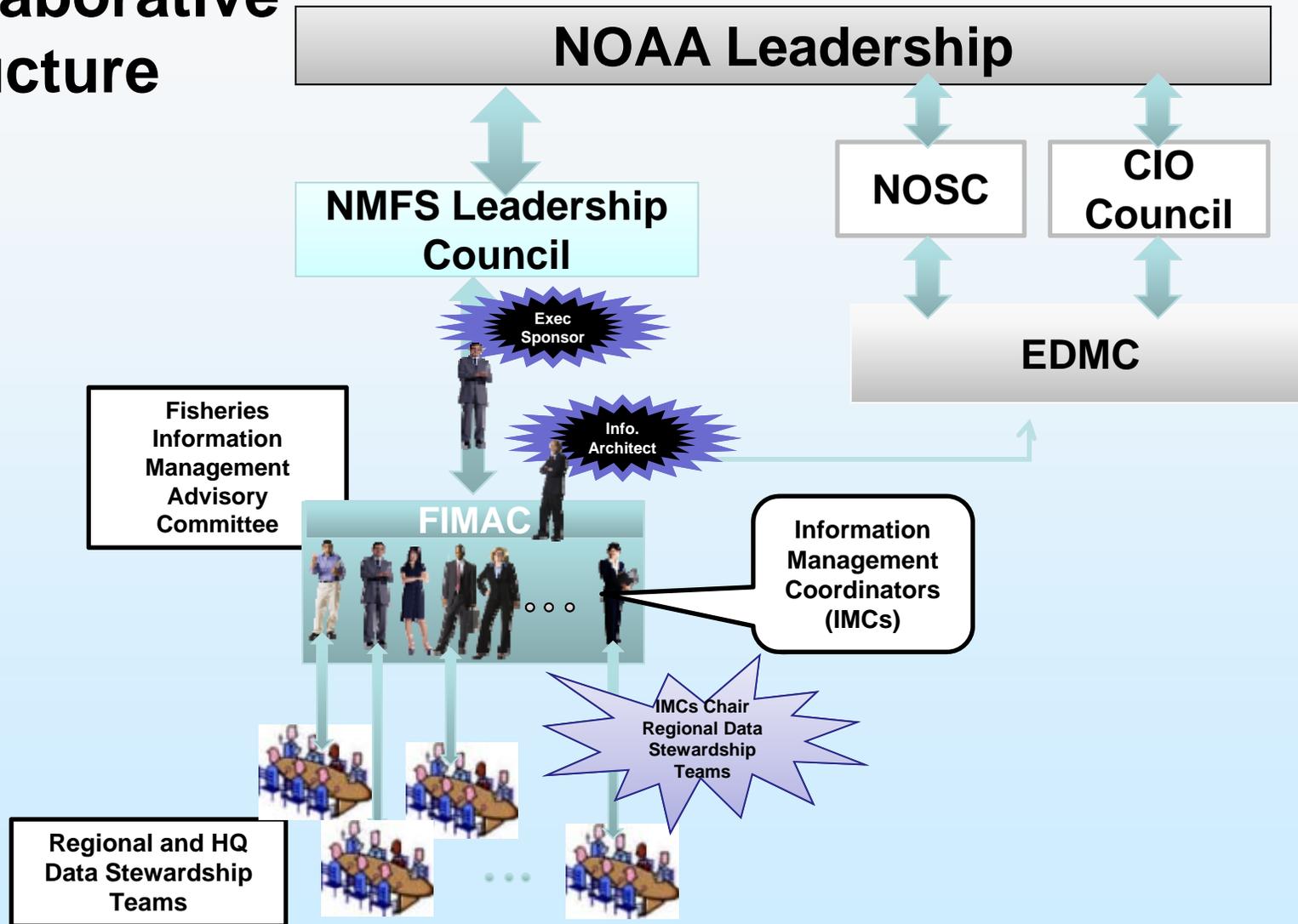


Who would take
care of your data?

Background and Context

- **Demonstrated need for enterprise approach to managing NMFS data as a resource**
 - “Recommendations for NMFS EDM”
- **EDM Program established by NMFS Leadership Council in 2008**
 - NMFS Information Architect (IA)
 - Fisheries Information Management Advisory Committee (FIMAC)
 - Chaired by IA
 - To develop and implement policies and procedures
- **Information Management Coordinators**
 - Central points of contact for IM
 - Members of FIMAC

NMFS EDM Collaborative Structure



NMFS EDM Vision



**NMFS
customers
can confidently
find, access,
and use
our data**

NMFS EDM MISSION:

“To effect a cultural change in which all NMFS data are recognized and managed as a core agency resource, on par with financial and human resources.”

EDM Accomplishments

- **NMFS Data and Information Management Policy signed (June 2010)**
 - Data to be documented and made available to the public, generally, within one year of collection
- **NMFS Data Documentation Procedural Directive signed (March 2011)**
 - Document data in InPort in 2 years
 - Develop and execute documentation plans for each FMC
 - Plans completed Feb 2012
- **Additional Procedural Directives Planned**
 - Data Sharing
 - Data Archival

2012 Activities

- **Execute Data Documentation Plans**
 - Inventory data resources
 - Continue populating InPort in every FMC
 - Quarterly Check-ins
- **Implement the Data Management Planning Procedural Directive**
 - Outreach, Education, Training, Tools, Support
- **Integrate EDM principles into Fisheries projects**
 - Address DM in project proposals

2012 Directions (cont.)

- **Conduct Outreach**

- Establish Executive Steering Committee
- Support NOAA's Commitment to SAB
 - Share about NMFS "collaborative Model" Strategy
 - Market data management as "ore business process": PDs

- **Develop 3-5 year Strategic Plan**

- Participate in budget formulation for funding
- Address data preservation/archival
- InPort: Sustainable operations, maintenance and enhancement

- **Collaborate with EDMC, DMA, GIO, NOSC, and CIO Council on NOAA-level enterprise data management activities**

Thank You!