

*For
discussion
on Day 2*



NOAA EDM

Data Access & Discovery PD

Plans for new EDMC Procedural
Directive

Data Access & Discovery Background

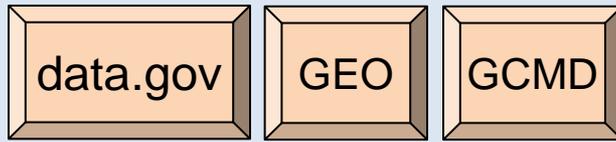
- NOAA Administrative Order (NAO) 212-15 says:
 - Environmental **data will be visible, accessible** and independently understandable to users, except where limited by law, regulation, policy ... or by security requirements.
 - Management of NOAA environmental data [includes] Providing for **data access and dissemination**
- NAO 212-15 does not say how
- NAO 212-15 only hints at discovery ("visible")

Typical Problems

- Datasets not made available by owner
- Data in unusual or legacy formats
- Proprietary or custom data services
- Data service available but not registered in catalog
- Data accessible only via a human user interface
- Data only in prepackaged data files via FTP or HTTP
- Offline data with ordering mechanism
- Services with insufficient metadata
- Incompatible Catalogs that hinder distributed search
- Requests for extremely large datasets
- Datasets that comprise huge numbers of files

NOAA Data Discovery Vision

External Catalogs



Client Tools



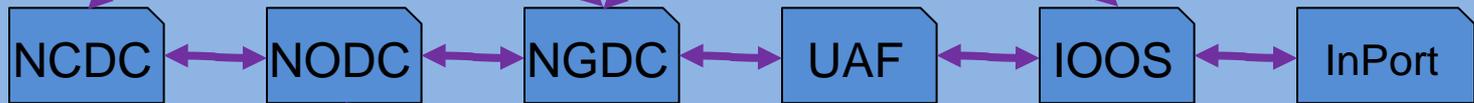
NOAA data cataloging

Find NOAA data by:

- Location
- Time
- Phenomenon
- Other characteristics

without knowing NOAA organization

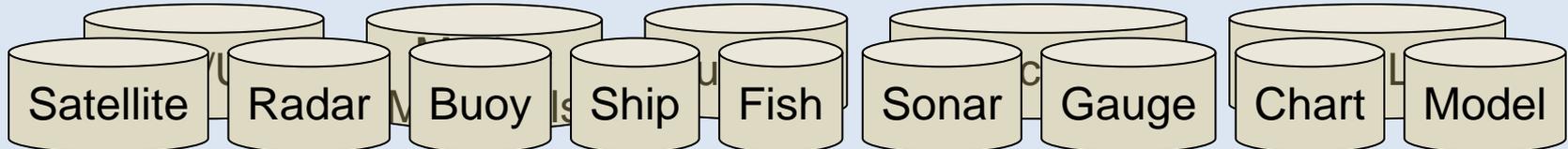
Local Catalogs & Metadata Folders



Data Access Services



Data Sources



Data Access & Discovery PD Scope?

Data Access & Discovery PD:
Appropriate middle ground



NAO 212-15:
Conceptual -
"Thou shalt make
thine data
accessible"

EDM Wiki:
Detailed guidance regarding
specific service versions,
software, best practices, profiles,
terminology, formats

Seeking from DAARWG

- Advice on scope of Access & Discovery PD
 - And should this be 2 PDs?
- Data Access requirements
 - What has worked for you
 - What doesn't work
- Comments on initial outline
 - TitanPad: http://noaa_dm.titanpad.com/23
(*pwd = DAARWG*)
- Review of future draft by you or colleagues