

Regional Data Sharing

The Future, Based on the Past

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Presented at

Organization of Fish and Wildlife Information Managers

St. Louis, MO

October 18-20, 2011

A brief history of regional scale database systems in the PNW

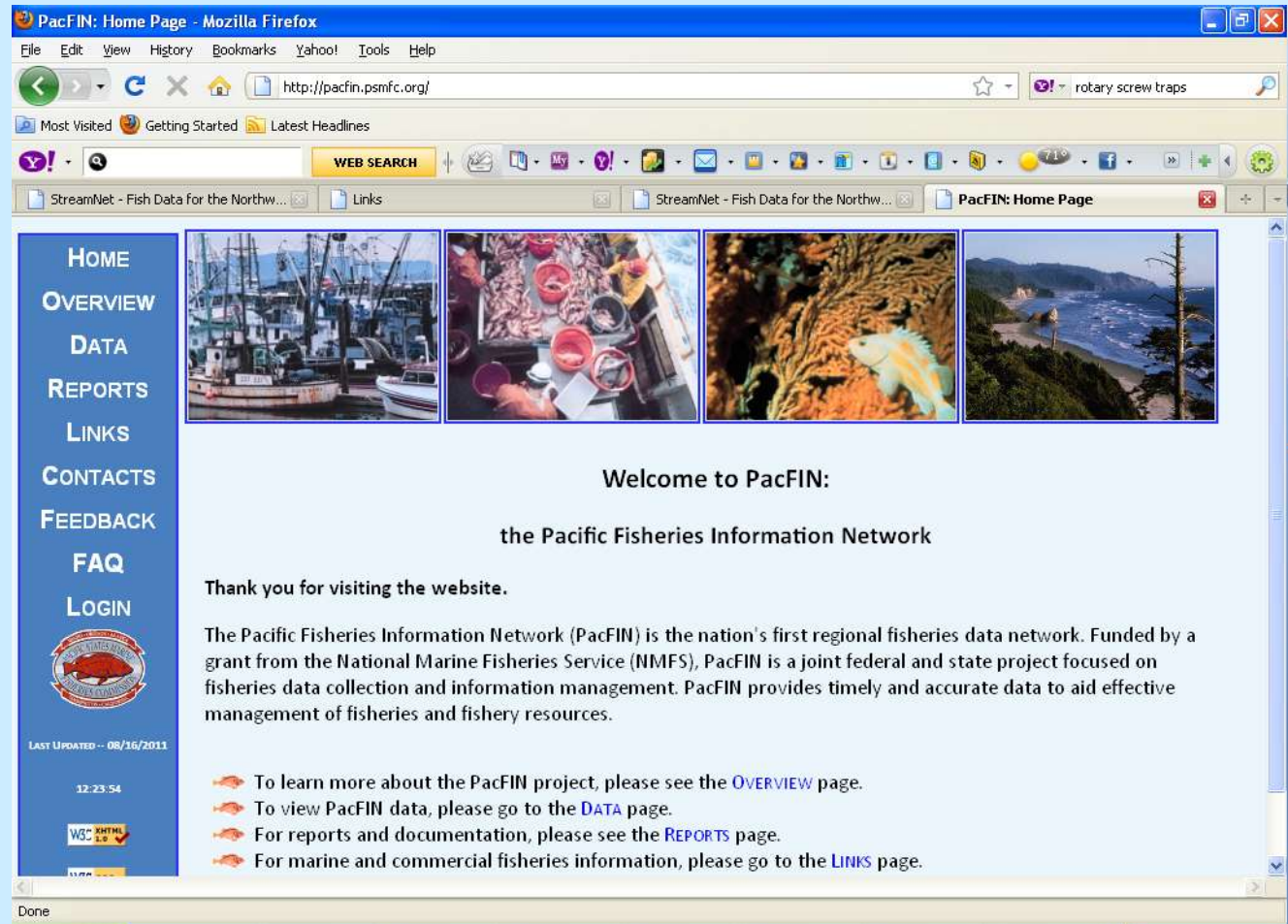
- RMPC (1977, 1997)

The screenshot shows the RMPC Mark Processing Center homepage in a Mozilla Firefox browser window. The browser's address bar displays "http://www.rmpec.org/". The page features a navigation menu on the left with icons for Home, Overview, Committees, Publications, Forums, News & Data Status, and Contacts. The main content area includes a "Welcome" message, a photograph of a fish processing facility, and three reporting sections: "RMIS Standard Reporting", "RMIS Analysis Reporting", and "RMIS Catch & Effort Reporting". An "Adobe Updater" notification is visible in the bottom right corner.

RMPC Mark Processing Center - Homepage - Mozilla Firefox
File Edit View History Bookmarks Yahoo! Tools Help
http://www.rmpec.org/
Most Visited Getting Started Latest Headlines
WEB SEARCH
StreamNet - Fish Data for the Northw... Links StreamNet - Fish Data for the Northw... RMPC Mark Processing Center - ...
You are here: Homepage
REGIONAL MARK PROCESSING CENTER
Home Overview Committees Publications Forums News & Data Status Contacts
Welcome
The Regional Mark Processing Center (RMPC) provides essential services to international, state, federal, and tribal fisheries organizations involved in marking anadromous salmonids throughout the Pacific region. These services include regional coordination of some tagging and fin marking programs, maintenance of databases for Coded Wire Tag Releases, Recoveries, Locations, and Catch & Effort data, as well as the dissemination of reports of these data in electronic or printed form when requested. These databases are known collectively as the Regional Mark Information System (RMIS).
Additional information about the RMPC project can be found in the [RMPC Strategic Plan](#).
RMIS Standard Reporting: Query the CWT database and run reports of Releases, Recoveries, Catch/Sample, or Location Codes.
RMIS Analysis Reporting: Query the CWT database and run Recovery reports based on Tag Code and/or Management Fishery.
RMIS Catch & Effort Reporting: Query the Catch & Effort database and run reports of C&E (raw datasets) or
Adobe Updater: Updates are ready to be installed.

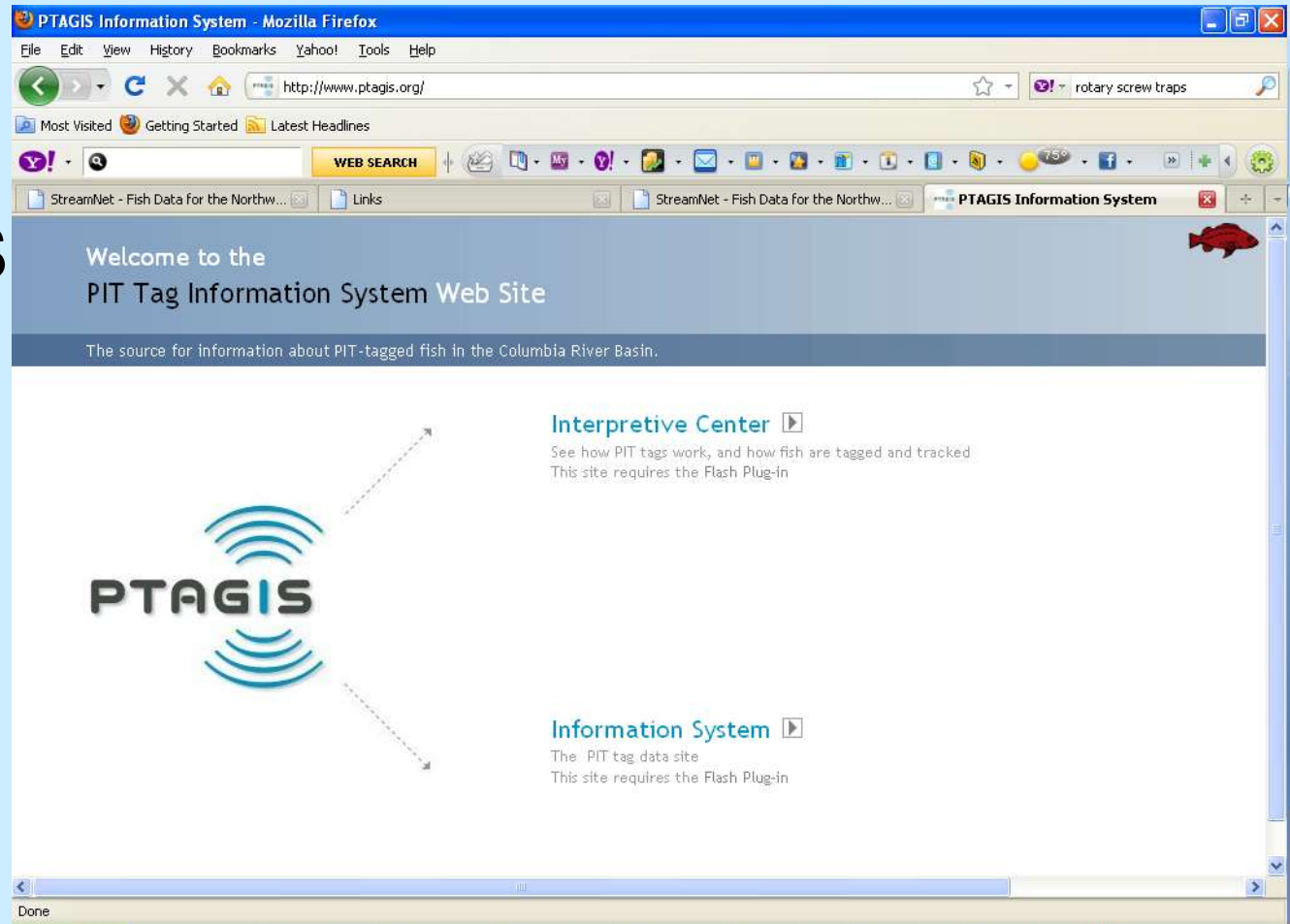
A brief history of regional scale database systems in the PNW

- RMPC
- PacFIN
(1981,
1997)



A brief history of regional scale database systems in the PNW

- RMPC
- PacFIN
- PTAGIS (1983)



www.ptagis.org

A brief history of regional scale database systems in the PNW

- RMPC
- PacFIN
- PTAGIS
- FPC
(1983,
1995)

The screenshot shows the Fish Passage Center homepage in a Mozilla Firefox browser window. The browser's address bar displays 'http://www.fpc.org/'. The page features a navigation menu on the left with links such as 'Home', 'Adult Data', 'Smolt Data', 'Spawning', 'River Data', 'Hatchery Data', 'Survival Data', 'Travel times', 'Lamp Bull Trout', 'Fall Chin Team', and 'Documents'. The main content area includes a large graphic with the text 'Fish Passage Center' and several small images of fish and water. Below this, there is a 'NEW:' section with a list of updates and documents, including 'FPC 2010 Draft Annual Report' and 'Presentations from the 2011 CSS Annual Meeting'. A small line graph is visible in the bottom right corner of the page content.

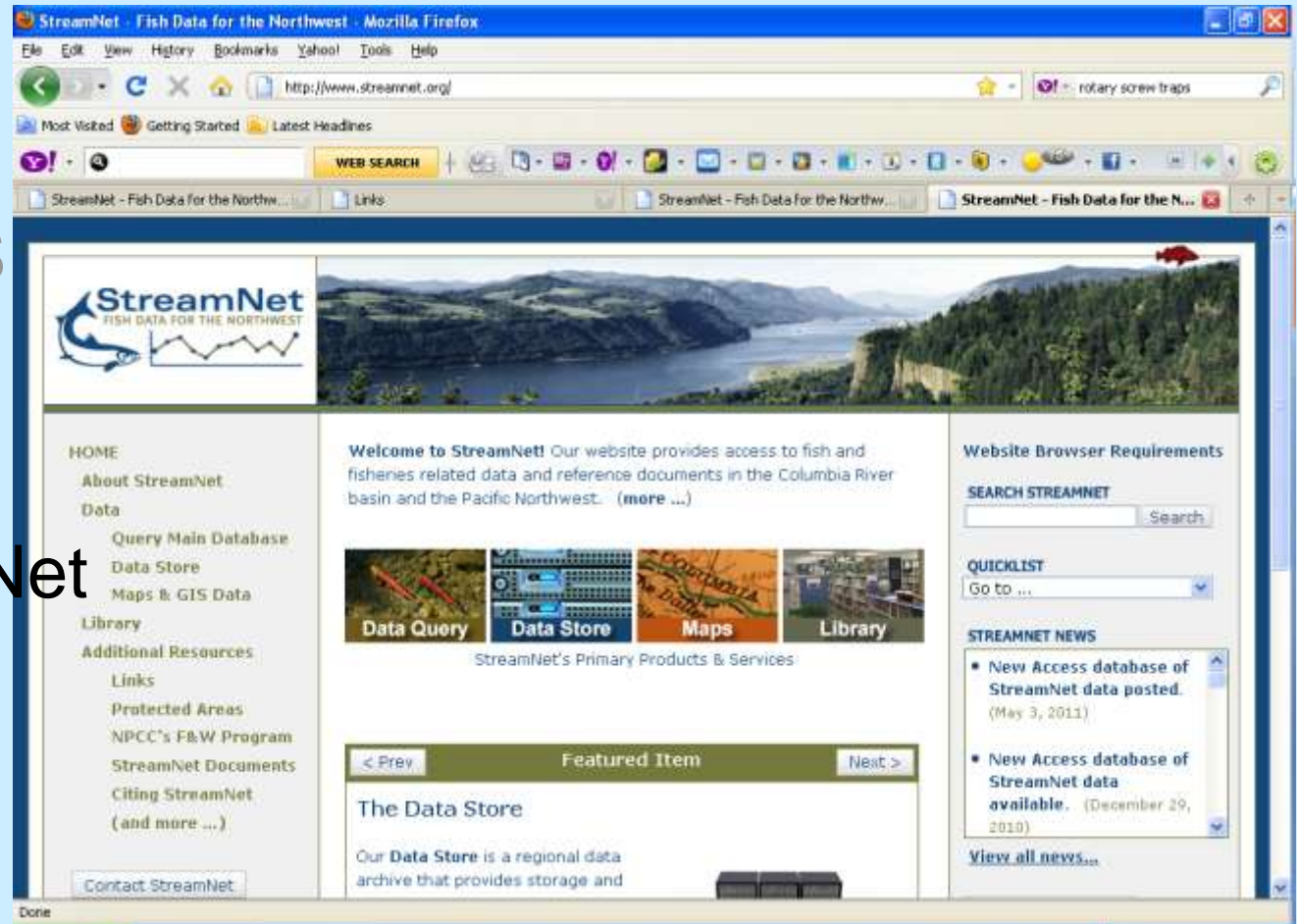
A brief history of regional scale database systems in the PNW

- RMPC
- PacFIN
- PTAGIS
- FPC
- RecFIN (1992)

The screenshot shows the RecFIN website in a Mozilla Firefox browser window. The browser's address bar displays "http://www.recfin.org/". The website's header features the RecFIN logo (a fish on a hook) and the text "Recreational Fisheries Information Network". To the right is the Pacific States Marine Fisheries Commission logo, which includes the text "IDAHO • OREGON • ALASKA" and "WASHINGTON • CALIFORNIA". A search bar is located in the top right corner, and a "Sign In" link is in the top right. Below the header is a navigation menu with the following items: Home, About RecFIN, Estimates, Sample Data, Survey Operations, Resources, News, and Contact RecFIN. The main content area is divided into several sections: "Latest Catch Numbers", "Council Groundfish Management Team Status Tables", "User login", "Home" (with a "Welcome to RecFIN" message and ".....Latest RecFIN News"), "About RecFIN" (with a paragraph describing the network as a project of the Pacific States Marine Fisheries Commission, established in 1992, and another paragraph describing its purpose), and a "Resources" section with links to "Acronyms", "Glossary", "FAQ", and "Site Map". The browser's status bar at the bottom shows "Done".

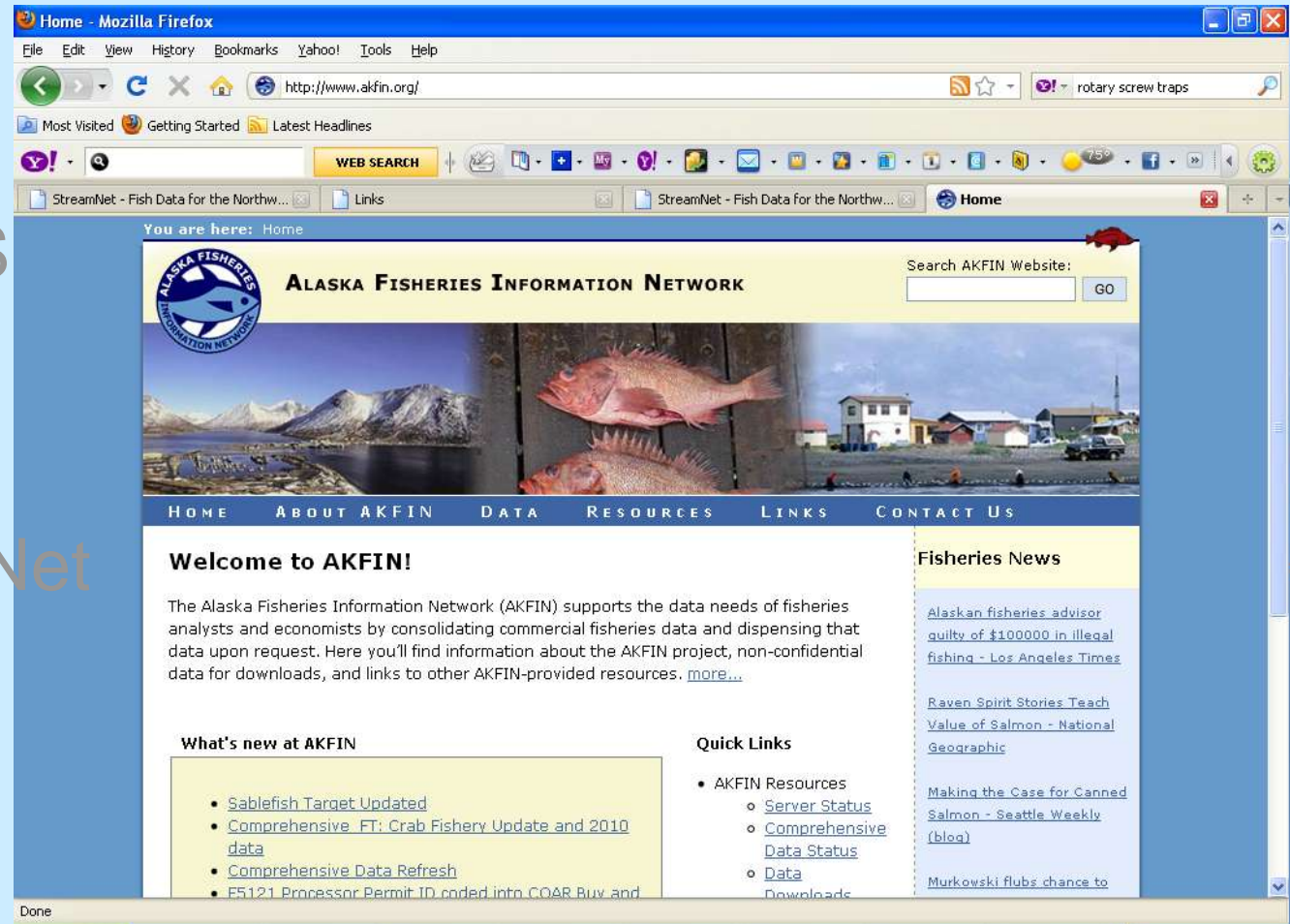
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- RMPC
- PacFIN
- PTAGIS
- FPC
- RecFIN
- StreamNet
(1995,
1998)



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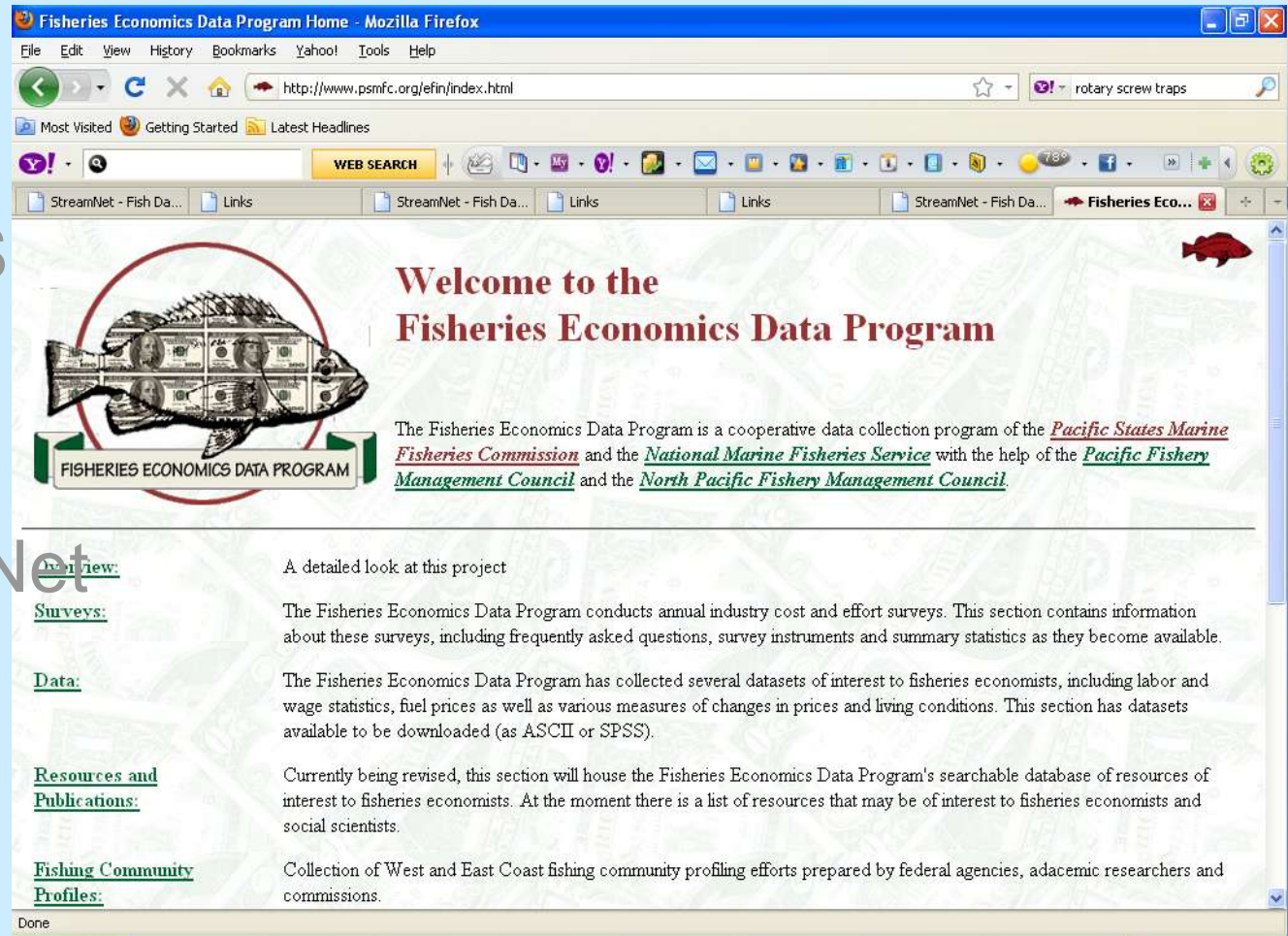
- RMPC
- PacFIN
- PTAGIS
- FPC
- RecFIN
- StreamNet
- AKFIN (1997)



www.akfin.org

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- StreamNet
- AKFIN
- EFIN & AKFED (1997)



Overview: A detailed look at this project

Surveys: The Fisheries Economics Data Program conducts annual industry cost and effort surveys. This section contains information about these surveys, including frequently asked questions, survey instruments and summary statistics as they become available.

Data: The Fisheries Economics Data Program has collected several datasets of interest to fisheries economists, including labor and wage statistics, fuel prices as well as various measures of changes in prices and living conditions. This section has datasets available to be downloaded (as ASCII or SPSS).

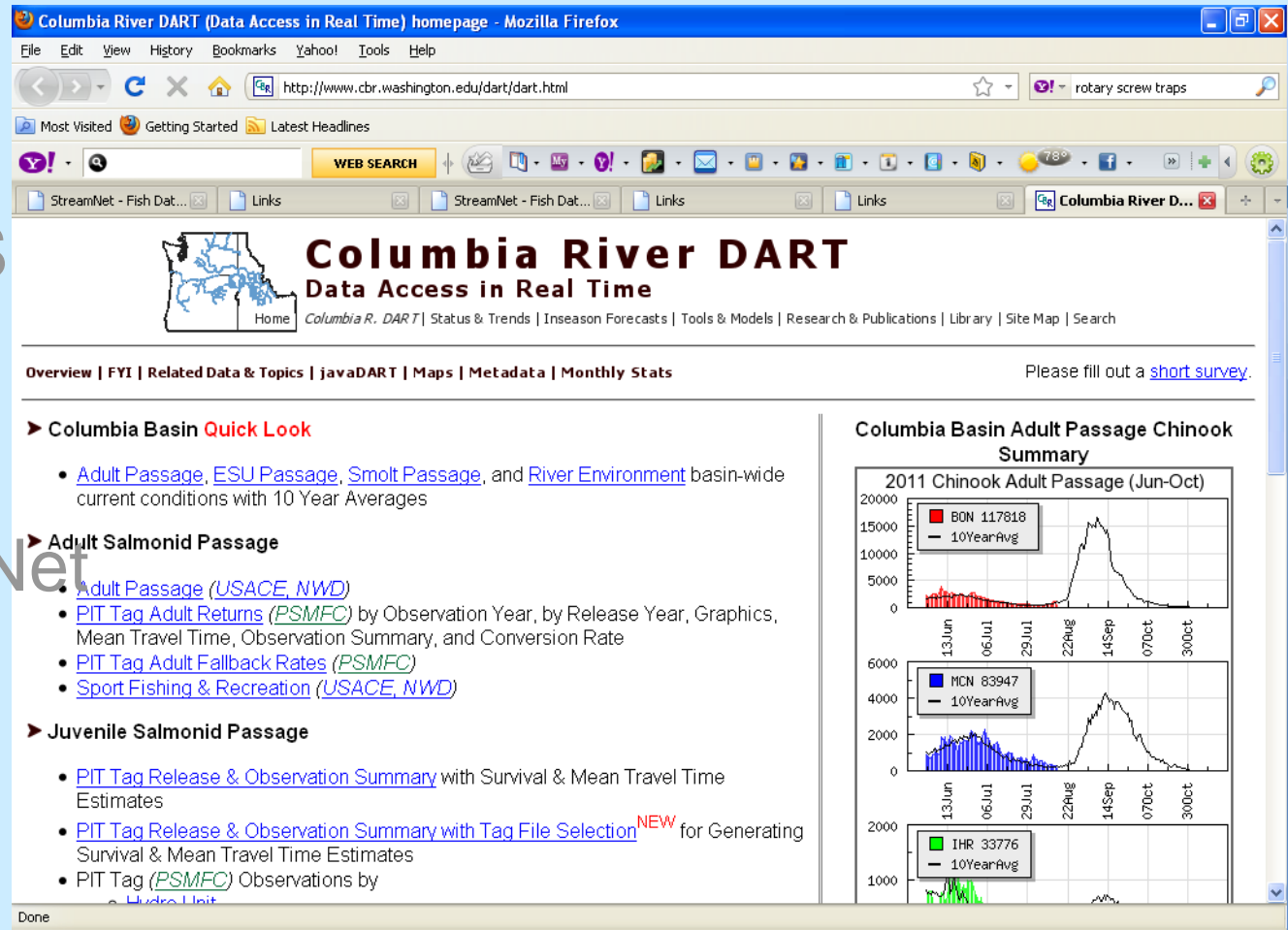
Resources and Publications: Currently being revised, this section will house the Fisheries Economics Data Program's searchable database of resources of interest to fisheries economists. At the moment there is a list of resources that may be of interest to fisheries economists and social scientists.

Fishing Community Profiles: Collection of West and East Coast fishing community profiling efforts prepared by federal agencies, academic researchers and commissions.

www.psmfc.org/efin/index.html

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- RecFIN
- StreamNet
- AKFIN
- EFIN & AKFED
- DART



www.cbr.washington.edu/dart/dart.html

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- EFIN and AKFED
- DART

Commonalities

- Longevity
- Collaborative, many partners
- Serve specific programs, purposes, users
- Specialized
- Utilize centralized databases with data delivery via Internet
- Established processes to obtain data

Newer Attempts

- SAIC proposal
 - Proposed a comprehensive data delivery system
 - Conducted a study (needs assessment)
 - Proposal was not adopted

Northwest Power Planning Council
Contract No. 2002-206

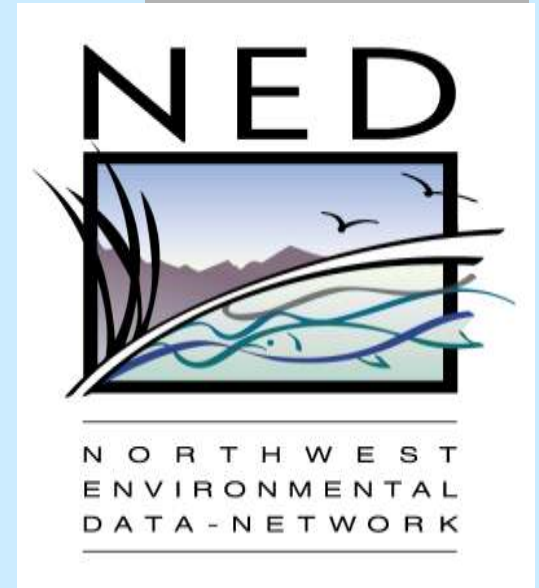
Columbia River Basin Fish & Wildlife Information Evaluation and Planning

April 5, 2002

Boise, Idaho

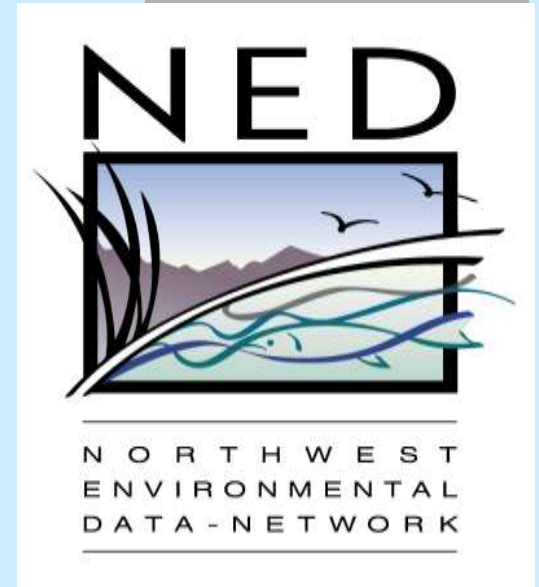
Newer Attempts

- SAIC proposal
- CBCIS
 - Northwest Environmental Data-network (NED) continued from the SAIC recommendation
 - Proposed Columbia Basin Collaborative Information System
 - Did not generate support



Newer Attempts

- SAIC proposal
- CBCIS
- NED Portal
 - Purchased the Portal Toolkit
 - Based on GIS
 - Established the Portal
 - A few projects/agencies made data available
 - Those with existing GIS layers
 - Those with metadata as web services
 - Limited data and little use



Newer Attempts

- SAIC proposal
- CBCIS
- NED Portal

Commonalities

- Somewhat abstract
- No specific purpose or users
- Little administrative support
 - No biological context
 - “Solution looking for a problem”
 - Just because you can doesn’t mean you should
 - “Build it and they will come” works – in the movies!
- Did not deal with data interoperability
- Relied on data already being available on the web (they mostly were not)

Successful

Not so much!

PacFIN

SAIC proposal

AKFIN

CBCIS

RecFIN

NED Portal

RMIS

PTAGIS

StreamNet

FPC

DART

EFIN &

AKFED



Factors for Success

- **Clearly defined purpose**
- **Clearly defined users**
- **Serve a recognized need**
- **Content!**
- **Ongoing support**

The Future

- Higher priority on sharing data
 - More wide-scale analysis
 - Data are too valuable to use only once
 - Data are collected using public funds
 - Funders are requiring data
- Investments in internal systems development will pay off in ability to share data externally
- Develop agreement on what needs to be shared

The Future

- **Increased need for metadata**
- **Work toward regional scale standards**
- **Emphasis on derived estimates/indicators**
- **Distributed systems** – e.g. Electronic Fish Tickets, EPA Exchange Network, etc.
- **IT progress is making sharing easier**

Questions?

